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APPLICANT: Leach, Martin
APPLICANT: Leach, Martin
FITE OF INVENTION: Nucleic Acids Containing Single Nucleotide
TITES OF INVENTION: Polymorphisms and Methods of Use Thereof
FILE REFERENCE: 15966-534A
CURRENT APPLICATION NUMBER: US/09/443,199C
CURRENT FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1999-11-17
NUMBER OF SEQ ID NOS: 1272
SOFTWARE: Curagen Patent Formatter Version 0.9
SEQ ID NO 911
LENGTH: 51
TYPE: DNA
ORGANISM: Homo sapiens
PEATURE:
NAME/KEY: misc feature
LOCATION: (26) ... (0)
OTHER INFORMATION: 1 of 2 allelic variants (912 is other entry)
NAME/KEY: misc feature
LOCATION: (0) ... (0)
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 RESULT 1
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Best Local S
Matches 49
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Patent No.
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o. 6670464
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                                                                                                                                                                                                                                   Similarity 96.:
49; Conservative
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US-09-081-646-232
US-09-081-646-821
US-09-081-646-821
US-09-475-947A-158
US-09-475-947A-158
US-09-475-978-3767
US-08-8973-139-3
US-08-973-139-3
US-08-231-030-22
US-08-231-030-22
US-08-231-030-22
US-08-231-030-22
US-08-231-030-22
US-08-231-030-22
US-09-081-646-17
US-09-081-646-476
US-09-081-646-476
US-09-081-646-476
US-09-081-646-476
US-09-383-316-87
US-09-383-316-87
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Sequence
Sequence
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232, App
286, App
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APPLICANT: Leach, Martin
TITLE OF INVENTION: Nucleic Acids Containing Sing;
TITLE OF INVENTION: Polymorphisms and Methods of
FILE REFERENCE: 15966-534A
CURRENT APPLICATION NUMBER: US/09/443,199C
CURRENT FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR PILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 1272
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Best Local S
Matches 48
                     GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
APPLICANT: Leach, Martin
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PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 1272
SOFTWARE: CuraGen Patent Formatter Version
SEQ ID NO 912
LENGTH: 51
                                                                           Sequence 1181, Application Patent No. 6670464
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Best Local :
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COTHER INFORMATION: 2 of 2
NAME/KEY: misc feature
LOCATION: (0)...(0)
LOCATION: ACCEST
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   TITLE
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                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: Accession number cg43972482
                                                                                                                                                                                                                                                                                                                                                                                                                      PEATURE:
NAME/KP: misc_feature
LOCATION: (26)...(0)
OTHER INFORMATION: 1 of 2 allelic variants (914 is other entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
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nes 48; Conservative
CANT: Leach, Martin
OF INVENTION: Nucleic Acids Containing Single Nucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              847 CCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCACGCCCGGC 897
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47; Conserv
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Pred. No. 2.
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Pred. No. 2
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ds of Use Thereof
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LENGTH: 51
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                                                                         Matches
                                                                                                           Query Match
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CURRENT APPLICATION NUMBER: US/09/443,199C
CURRENT FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1998-11-17
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CURRENT APPLICATION NUMBER: US/09/443,199C
CURRENT FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 1272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Shimkets, Richard A. APPLICANT: Leach, Martin
                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: CuraGen Patent Formatter Version
                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 1272
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                                                                                                                                                                                                             FEATURE:
NAME/KEY: misc_feature
LOCATION: (26)...(0)
OTHER INFORMATION: 2 of 2 allelic variants (913)
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NAME/KEY: misc_feature
LOCATION: (0)...(0)
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LOCATION: (0)...(0)
OTHER INFORMATION: Accession number cg43972482
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NAME/KEY: misc_feature
LOCATION: (26)...(0)
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                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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                                                                                            Local Similarity
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                                  177 TTAGTAGAGATGGAGTTTCTCCATGTTGGTCAGGCTGGTCTCGAACTCCCG 227
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                                                                         Conservative
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                                                                                        4.3%;
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                                                                                            Score 43;
Pred. No.
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); Mismatches
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Pred. No. 2.
                                                                         Mismatches
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                                                                                                             Length 51;
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US-09-443-199C-1182 ; Sequence 1182, Application US/09443199C ; Patent No. 6670464

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GENERAL INFORMATION:

RESULT 6

APPLICANT:

APPLICANT: Shimkets, Richard A.

Leach,

Martin

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                                                                                                  RESULT 8
US-09-422-978-3767/c
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; ORGANISM: Homo sapiens
US-09-513-999C-18997
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SOFTWARE: CuraGen Patent Formatter Version 0.
SQ ID NO 1182
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                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 45; Conserv
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FILE REFERENCE: 59.US2.REG
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                                               Sequence 3767, Application Patent No. 6537751 GENERAL INFORMATION:
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SEQ ID NO 18997
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CURRENT APPLICATION NUMBER: US/09/443,199C
CURRENT FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1998-11-17
                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/513,999C CURRENT FILING DATE: 2000-02-24 PRIOR APPLICATION NUMBER: US 60/122,487 PRIOR FILING DATE: 1999-02-26 NUMBER OF SEQ ID NOS: 36681
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, Ma. APPLICANT: Chumakov, Ilya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Dumas Milne Edwards, J.B
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LOCATION: (0)...(0)
OTHER INFORMATION: Accession number cg42475469
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 51
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nilarity 90.0%;
Conservative
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                  Marta
                                                                                      US/09422978
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Pred. No. 4.1;
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US-09-443-199C-671/c
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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                                                                                             Query Match 4.2%;
Best Local Similarity 88.2%;
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Best Local Similarity 91.5%;
                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof FILE REFERENCE: 15966-534A
CURRENT APPLICATION NUMBER: US/09/443,199C
CURRENT FILING DATE: 1999-11-16
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                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 1272
SOFTWARE: Curaden Patent Formatter Version 0.9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo Sapiens FEATURE: NAME/KEY: allele
                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (26)...(0)
OTHER INFORMATION: 1 of 2 allelic variants (672 is
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: Accession number cg42924993
                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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                        1071 TTTTGTATTTTCATTAGAGGGGGGGTTTCACCATATTTTGTCAGGCTGGTCT 1121
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TTTTGTATTTTAGTAGAGACGGGGTTTCACCATGTTGGCCAGGCTGGTCT
                                                                            Conservative
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                                                                                               Score 41.4; D
Pred. No. 5.8;
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RESULT 10 US-09-443-199C-704/c ; Sequence 704, Application US/09443199C ; Patent No. 6670464

GENERAL INFORMATION:

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RESULT 12
US-09-422-978-2999
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US-09-443-199C-1125
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                                                                                                                                                                         Query Match
Best Local Similarity
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SOFTWARE: CuraGen Patent Formatter Version 0.9
SEQ ID NO 1125
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SOFTWARE: CuraGen Patent Formatter Version 0.9
SEQ ID NO 704
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CURRENT FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1998-11-17
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CURRENT FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1998-11-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof FILE REFERENCE: 15966-534A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Shimkets, Richard A. APPLICANT: Leach, Martin
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                                                                                                                                                                                                                                                LOCATION: (26)...(0)
OTHER INFORMATION: 1 of 2 allelic variants (1126 is NAME/KBY: misc feature
LOCATION: (0)...(0)
OTHER INFORMATION: Accession number cg42894694
                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
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LOCATION: (0)...(0)
OTHER INFORMATION: Accession number cg43089031
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NAME/KEY: misc_feature
LOCATION: (26)...(0)
OTHER INFORMATION: 2 of 2 allelic variants (703
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les 45; Conserv
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88.2%;
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Pred. No. 5.
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APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Bhallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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Best Local Similarity 89.4
42; Conservative
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SEQ ID NO 2999
LENGTH: 47
TYPE: DNA
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                                                                            APPLICATION NUMBER: US/09/060,023A FILING DATE: April 14, 1998 PRIOR APPLICATION DATA: APPLICATION UNMBER: PCT/US96/11478 FILING DATE: JULY 9, 1996 ATTORNEY/AGENT INFORMATION: NAME: Perryman, David C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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OTHER INFORMATION: 99-21516-293 : polymorphic base G or
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                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
               NAME: Perryman, David G.
REGISTRATION NUMBER: 33,438
REFERENCE JOCKET NUMBER: 141
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Needle &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Resnick, Michael A. APPLICANT: Larionov, Vladimir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                           ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Atlanta
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TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Suite 1200,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Perkins, Edward L.

IVENTION: TRANSFORMATION-ASSOCIATED RECOMBINATION
                                                                                                                                                                                                                                                                                                                                                                                   USA
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lite 1200, 127 Peachtree Street, N.E
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89.4%;
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Pred. No. 6
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Best Local Similarity
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              APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenkov, Ilya
APPLICANT: Chumenkov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
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SEQ ID NO 2353
LENGTH: 47
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Patent No. 6537751
GENERAL INFORMATION:
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                                                                                                                                                                                                                                               Sequence 1321, Application US/09422978 Patent No. 6537751
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EARLIER APPLICATION NUMBER: US 60/082,614 EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: allele
LOCATION: 24
OTHER INFORMATION: 99-10573-375 : polymorphic base G or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity 100.0%; P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                          1006 GATTCTCCTGTCTCAGCCTCCCAAGCAGCTGGGATTACGGGCAC 1049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    849 TCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACC 888
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                                                                                                                                                                                                                                                                                                                                                                     2 GATTCTCCTGCCTCAGCCTCCCRAGTAGCTGGGATTACAGGCAC 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACC 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
CATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/09422978
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100.0%; Pred. No. 5.4
ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 38.8; D
Pred. No. 8.9;
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                                                                                                                                                       constructing
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; LOCATION: 29
; OTHER INFORMATION: 99-22844-211 : polymorphic base A or
US-09-422-978-1321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 16
US-08-767-979-9/c
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                                                                                                     ; ANTI-SENSE: NO US-08-767-979-9
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NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 1321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 38; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9, Applic Patent No. 5945283
                                Query Match
Best Local Similarity
Matches 37; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                          TELEPHONE: 314-727-51
TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/
FILING DATE: 17-DEC-1996
CLASSIFICATION: 455
ATTORNEY/AGENT INFORMATION:
NAME: Holland, Donald R
REGISTRATION NUMBER: 35,19
REFERENCE/DOCKET NUMBER: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kwok, Pui-Yan
APPLICANT: Chen, Xiangning
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
TITLE OF INVENTION: Fluorescence Resonance Energy Transfer
                                                                                                                                      HYPOTHETICAL:
                                                                                                                                                                                      MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "D1858 ALL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
                                                                                                                                                DESCRIPTION:
DESCRIPTION:
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                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                    STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Howell & Haferkamp, L.C.
STREET: 7733 Forsyth Boulevard, Suite 1400
                                                                                                                                                                                                                                                                        ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              673 GCTCACTGCAACCTCTGCCTCCCGGGTTCAAGTTATTCTC 712
 675 TCACTGCAACCTCTGCCTCCCGGGTTCAAGTTATTCTCCT 714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        46 GCTCACTGCAACCTCTGCCTCCYGGGTTCAAGTGATTCTC
                                                                                                                                                                                                                                                      nucleic acid
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                                   Conservative
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                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                       NO
                                                                                                                                                  /desc = "D18S8 ALLELE G; DNA SEQUENCE OF A PORTION OF HUMAN D18S8 STS CONTAINING GUANIDINE ALLELIC NUCLECTIDE POSITION 20;"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Floppy disk
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                                                  3.6%;
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                                 Score 35.2; D
Pred. No. 15;
0; Mismatches
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Pred. No.
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                                                                   Length 40;
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equence of System No. 63940-1

APPLICANT: Resnick, Michael A.

APPLICANT: Larionov, Vladimir L.

APPLICANT: Kouprina, Natalay Y.

APPLICANT: Perkins, Edward L.

TRANSFORMATION-ASSOCIATED RECOMBINATION
                                                                                                                                                                                Sequence 2, Application US/09060023A Patent No. 6391642
                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local (
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Patent No. 6177249
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/767,979
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Holland, Donald R
REGISTRATION NUMBER: 35,197
REGISTRATION INFORMATION:
TELEPHONE: 314.727.5188
                                                                                                                                                                                                                                                                                                                                                                                                        Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 40 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "D18S8 ALLELE G; DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/295,026
FILING DATE: 20-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Howell & Haferkamp, L.C.
STREET: 7733 Forsyth Boulevard, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Chen, Xiangning
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
Fluorescence Resonance Energy Transfer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kwok, Pui-Yan
Chen, Xiangni
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                                                                                                                                                                                                                                                                                                                                                 675 TCACTGCAACCTCTGCCTCCCGGGTTCAAGTTATTCTCCT 714
                                                                                                                                                                                                                                                                                                          40
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                                                                                                                                                                                                                                                                                                                                                                                                      3.6%;
Similarity 92.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                          TCACTGCAAGCTCTGCCTCCCGGGTTCAAGCAATTCTCCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TCACTGCAAGCTCTGCCTCCCGGGTTCAAGCAATTCTCCT 1
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ZIP: 63105-1817
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Pred. No. 19
                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
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US-08-255-889-10
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

CORRATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/060,023A

FILING DATE: April 14, 1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/11478

FILING DATE: JULY 9, 1996

ATTORNEY/AGENT INFORMATION:

NAME: PETTYMAN, DAVID G.

REGISTRATION NUMBER: 33,438

REGISTRATION NUMBER: 33,438

REGISTRATION NUMBER: 33,438
                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 10, Application US/08255889
Patent No. 5525467
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: ANAND, RAKESH
TITLE OF INVENTION: AMPLIFICATION METHODS
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DARBY & CUSHMAN
APPLICATION NUMBER: US/08/255,8
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 9112801.7
FILING DATE: 13-Un-1991
APPLICATION NUMBER: 9112795.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 404-688-9880
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: PC-DOS
SOFTWARE: ASCII from WPS-DOS
CURRENT APPLICATION DATA:
                                                                                                                                                                                             ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: 404-688-0770
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: singl
TOPOLOGY: linear
                                                                                                                                                                                  COMPUTER:
                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 987 CTGCCTCCCGGGCTCAAGCGATTCTCCTGTCTCAGCCTCC 1026
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1615 L STREET, N.W.
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FILING DATE:

13-Jun-1991

APPLICATION NUMBER: 9112797.7

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RESULT 20
US-08-767-979-8/c
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Patent No. 5945283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches 33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (202) 822-0944
INFORMATION FOR SEQ ID NO:
                                                                                                                                    TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO.
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/767,979

FILING DATE: 17-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kwok, Pui-Yan
APPLICANT: Chen, Xiangning
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
TITLE OF INVENTION: Fluorescence Resonance Energy Transfer
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 12-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (202) 861-3000
                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Holland, Donald R
REGISTRATION NUMBER: 35,:
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                          TELEPHONE: 314-727-5188
                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 13-Jun-1991
APPLICATION NUMBER: 9112799.3
FILING DATE: 13-Jun-1991
APPLICATION NUMBER: US 07/899,067
FILING DATE: 12-JUN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16773
REFERENCE/DOCKET NUMBER: 96358/PH.36394/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
TOPOLOGY: Lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 7
                                                                                                    TYPE: nucleic acid
                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Howell & Haferkamp, L.C.
STREET: 7733 Forsyth Boulevard, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 852 GCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCA 886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GCCTCCCAAAGTGCTGGGATTACAGGYRTGAGCCA 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/08767979
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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                                                                     linear
other nucleic acid
/desc = "D1858 ALIELE A; DNA
SEQUENCE OF A PORTION OF HUMAN D1858 STS CONTAINING ADENOSINE AT
ALLELIC NUCLEOTIDE POSITION 20;"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Single
                                                                                     single
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                                                                                                                                                                                                                                             35, 197
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                                                                                                                                                                                                                                 96-5219
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Pred. No. 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1;
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RESULT 22 US-08-255-889-11/c

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US-08-767-979-8
片
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                                                                     Best Loc
Matches
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Patent No. 6177249
GENERAL INFORMATION:
                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 8:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/295,026
FILING DATE: 20-Apr-1999
CLASSIFICATION: CUDKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
CORRESCEE: Howell & Haferkamp, L.C.
ADDRESSE: Howell & Haferkamp, L.C.
STREET: 7733 Forsyth Boulevard, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Chen, Xiangning
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
Pluorescence Resonance Energy Transfer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 08/767,979
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Kwok, Pui-Yan
Chen, Xiangnii
                                                                                                                                                                              HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "D18S8 ALLELE A; DNA
                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 96-5219
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-5188
                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                            SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     675 TCACTGCAACCTCTGCCTCCCGGGTTCAAGTTATTCTCCCT 714
                                  675 TCACTGCAACCTCTGCCTCCGGGTTCAAGTTATTCTCCT 714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  40 TCACTGCAAGCTCTGCCTCCTGGGTTCAAGCAATTCTCCT 1
40 TCACTGCAAGCTCTGCCTCCTGGGTTCAAGCAATTCTCCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        36;
                                                                       36;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: St. Louis
STATE: MO
                                                                                                                                                                                                                                                                   LENGTH: 40 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 314-727-6092
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Holland, Donald
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                         Conservative
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                                                                                       90.0%;
                                                                     Score 33.6; D
Pred. No. 21;
0; Mismatches
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Pred. No. 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches 4;
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                                                                                                           DB 1;
                                                                         4; Indels
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                                                                                                         Length 40;
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                                                                       Gaps
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Sequence 11, Application US/08255889 Patent No. 5525467

GENERAL INFORMATION:

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US-09-304-232-859
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 77.1
Conservative
                                                                                                                                                                                                                                      Patent No. 6525185
GENERAL INFORMATION:
                                                                                                                                                                                                                                                            Sequence 859, Application US/09304232
Patent No. 6525185
TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension FILE REFERENCE: 018547-034210US CURRENT APPLICATION NUMBER: US/09/304,232 CURRENT FILING DATE: 1999-05-03 EARLIER APPLICATION NUMBER: US 60/084,641
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 9112801.7
FILING DATE: 13-Jun-1991
APPLICATION NUMBER: 9112795.1
FILING DATE: 13-Jun-1991
APPLICATION NUMBER: 9112797.7
FILING DATE: 13-Jun-1991
APPLICATION NUMBER: 9112799.3
FILING DATE: 13-Jun-1991
APPLICATION NUMBER: US 07/899,00
FILING DATE: 12-JUN-1992
APPLICATION TOMBER: 12-JUN-1992
APPLICATION NUMBER: US 07/899,00
FILING DATE: 12-JUN-1992
APPLICATION TOMBER: US 07/899,00
                                                                                                                                APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
                                                                                                                                                                                              APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: PC-DOS
SOPTWARE: ASCII from WPS-DOS
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 96358/PH.36394/US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 861-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: Lii
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 1615 L STREET, CITY: WASHINGTON, D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: Nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: KOKULIS, PAUL N
REGISTRATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/255,889 FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: CUSHMAN DARBY & CUSHMAN STREET; 1615 L STREET, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                  643 CCCAGGCTGGAGTGCAGTGGCGCAATCTTGGCTCA 677
                                                                                                                                                                                                                                                                                                                                                                                          35 CCCAGGCTGGAGTGCARTGGYRYRATCWYRGCTCA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (202) 822-0944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Diskette, 3.5"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13-Jun-1991
IDMBER: US 07/899,067
12-JUN-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 31.8;
Pred. No. 25
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US-08-070-517-3/c
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                                                                                                                              US-08-070-517-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 859
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 2.8%;
Best Local Similarity 96.4%;
Matches 27; Conservative
                                                                Matches
                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3, Applic
Patent No. 5538869
                                                                                                                                                                                                                                                                      COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: ASCII-DOS
SOPTWARE: ASCII-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/070,517
FILING DATE: 19930601
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Barbara S. Kitchell
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UTSC:290/K
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                         TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Michael applicant: Pu Liu
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                      Local 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: US
ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET:
                                                                                                                                              STRANDEDNESS:
TOPOLOGY: 1i
                                                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                           TELEPHONE:
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                            868 GGATTACAGGCGTGAGCCACCACGCCCGGC 897
31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION:
                                                                               Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CCCAGGCTGGAGTGYAGTGGCGCAATCT 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/08070517
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Texas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Michael J. Siciliano
                                                                                                                                              linear
                                                                                                                                                                                                                                                             (512) 320-7200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Arnold, White & Durkee
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                                                                             2.8%;
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                                                                               Score 27.6;
Pred. No. 51;
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Pred. No. 4
                                                                Mismatches
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US-09-304-232-503
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RESULT 27
US-09-304-232-571
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Best Local Similarity
Matches 27; Conserv
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SEQ ID NO 503
LENGTH: 29
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CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
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APPLICANT: Chakravarti, Aravinda
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NUMBER OF SEQ ID NOS: 909
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CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                         OTHER INFORMATION: GLUT4EX11 1005
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6525185
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                                                                     GTGCTGGGATTACARGCGTGAGCCACCGC 29
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Pred. No. 53;
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Pred. No.
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                                                                 Query Match
Best Local Similarity
Matches 27; Conserv
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension FILE REFERENCE: 018847-034210US CURRENT APPLICATION NUMBER: US/09/304,232 CURRENT FILING DATE: 1999-05-03 EARLIER APPLICATION NUMBER: US 60/084,641 EARLIER FILING DATE: 1998-05-07
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EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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27; Conserv
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                   CTGCCCCAGCCTCCTGAGTAGCTGGGACT 741
CTGCCTCAGCCTCCYGAGTAGCTGGGACT 29
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nilarity 93.1%;
Conservative 1
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                                                                                      Score 27;
Pred. No.
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RESULT 29 US-09-304-232-705 ; Sequence 705, Application US/09304232

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APPLICANT: Case Western Reserve University School of Medicine APPLICANT: Affymetrix, Inc.

TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 705
LENGTH: 29
                                       RESULT 31
US-08-454-557C-6/c
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; OTHER INFORMATION: PGISEX10 3186
US-09-304-232-705
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Sequence 6, Application US/08454557C Patent No. 5830670
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SOFTWARE: FRATSEQ for Windows Version 3.0
SEQ ID NO 706

LENGTH: 29
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
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CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
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APPLICANT: Chakravarti, Aravinda
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                                                                                                                                                                     864 GCTGGGATTACAGGCGTGAGCCACCACGC 892
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Pred. No. 53;
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Pred. No. 53;
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                                                                                      COUNTRY: U.S.A.
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release ""
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/454,557C
FILING DATE: 30-MAY-1995
CLASSIFICATION: 514
CCLASSIFICATION: 514
                SOFTWARE: PatentIn Release #1.0, V. CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/340,426D FILING DATE: 14-NOV-1994
CLASSIFICATION: 435
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NAME: Ludwig, Steven R.
REGISTRATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 066
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TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
TITLE OF INVENTION: of Alzheimer's Disease
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: de la Monte, S
APPLICANT: Wands, Jack R.
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
TITLE OF INVENTION: of Alzheimer's Disease
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ATTORNEY/AGENT INFORMATION:
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les 27; Conserv
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Conservative
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                                                                                                 Release #1.0, Version
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Pred. No. 63;
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RESULT 33
US-08-450-673C-6/c
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Best Local Similarity
Matches 27; Conserv
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                                                         Matches
                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
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APPLICANT: Wands, Jack R.
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STRANDEDNESS: both
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                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                             NAME: Ludwig, Steven R. REGISTRATION NUMBER: 36,203
                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/450,673C FILING DATE: 30-MAY-1995
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ilarity 96.4%;
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Pred. No. 6
                                                                       Score 26.4;
Pred. No. 6
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PCT-US95-17111A-6/c
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US-09-304-232-161/c
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GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
                                                                                                                                                                                                                                                                                                  Sequence 161, Application US/09304232 Patent No. 6525185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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          APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-0342210US
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
NUMBER OF SEQ ID NOS: 909
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                          APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
SOFTWARE: FastSEQ for Windows Version 3.0
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICATION NUMBER: 08/3
FILING DATE: 14-NOV-1994
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ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: bot
TOPOLOGY: both
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CLASSIFICATION:
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20005-3934
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Similarity 96.4%;
27; Conservative
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1100 New York Avenue, Suite 600
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0; Mismatches
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CURRENT APPLICATION NUMBER: US/9/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 863
LENGTH: 29
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APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
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CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 193
LENGTH: 29
                                                                                                                                                                                                                                                                                                                       Sequence 863, Application US/09304232 Patent No. 6525185 GENERAL INFORMATION:
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Best Local
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
                                                                                                                                                                                                                                                                                                                                                                                 -09-304-232-863
                                                                                                                                                                  TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension FILE REFERENCE: 018547-034210US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension FILE REFERENCE: 018547-034210US
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TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  860 AAGTGCTGGGATTACAGGCGTGAGCCAC 887
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    Mismatches

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Pred. No. 65;
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Pred. No. (
                                                                                                                                                                                                                                                                                                                                                                                                                                                               28
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                                                  RESULT 39
US-08-340-426D-5/c
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Sequence 5, Application US/08340426D Patent No. 5948634 GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity 92.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/454,557C
FILING DATE: 30-MAY-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U.S.A.
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                  NAME: Ludwig, Steven R. REGISTRATION NUMBER: 36,203 REFERENCE/DOCKET NUMBER: 06 TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 1100 New STATE: Washington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: de la Monte, Suzanne
APPLICANT: Wands, Jack R.
TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
TITLE OF INVENTION: of Alzheimer's Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: both
                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                          TELEFAX:
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                                                                                                                                                                                                                                                                                                                        LENGTH:
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Pred. No.
                                                                                                                                                                                                      Score 25.8;
Pred. No. 71;
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APPLICANT: de la Monte, S APPLICANT: Wands, Jack R. TITLE OF INVENTION: Neura TITLE OF INVENTION: of Al

Suzanne

Neural Thread Protein Gene Expression and Detection of Alzheimer's Disease

NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:

ADDRESSEE: STREET: 1

E: Sterne, Kessler, Goldstein & Fox P.L.L.C. 1100 New York Avenue, Suite 600

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RESULT 40
US-08-450-673C-5/c
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SOFTWARE: PATENTIA PPLICATION DATA:
APPLICATION NUMBER: US/08/340,426D
FILING DATE: 14-NOV-1994
CLASSIFICATION: 435
ATTORNEY/ACTANTON:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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                                                                                                                                                                                            COUNTRY: U.S.A.
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Ludwig, Steven R.
REGISTRATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 0609.3840002
TELECOMMUNICATION INFORMATION:
                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,67:
FILING DATE: 30-MAY-1995
                                                             CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: de la Monte, S
APPLICANT: Wands, Jack R.
TITLE OF INVENTION: Neura
TITLE OF INVENTION: of Al
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                                                                                                                                                                                                                                                                    CITY: Washington STATE: D.C.
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NAME: Ludwig, Sreven R.
REGISTRATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 0609.3840004
SLECOMMUNICATION INFORMATION:
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1100 New York Avenue, Suite 600
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                                                                                                                 US/08/450,673C
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                                                                                                                                                                                                                                                                                                                                                                                                                         Suzanne
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; Pred. No. 71;
0; Mismatches
                                                                                                                                                  Version #1.25
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RESULT 42 US-09-304-232-184/c

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                                                    Best Local Similarity Matches 27; Conserv
                                                                               Query Match
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                 TELEFAX: (202) 371-25
                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOTTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: de la Monte, Suzanne
APPLICANT: Wands, Jack R.
TITLE OF INVENTION: Neural Thread Protein Gene Expression
TITLE OF INVENTION: Detection of Alzheimer's Disease
                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                          NAME: Ludwig, Steven R.
REGISTRATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/3-
FILING DATE: 14-NOV-1994
ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS:
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TOPOLOGY: bot
                                                                                                                                           STRANDEDNESS: both
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                                                                                                                                                                     LENGTH:
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                           980 GCAACCTCTGCCTCCGGGCTCAAGCGAT 1008
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1100 New York Avenue, Suite 600
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                                                         0; Mismatches
                                                                   Score 25.8;
Pred. No. 71;
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CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 184
LENGTH: 29
                                  RESULT 44
US-09-304-232-217
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Sequence 217, Application US/09304232 Patent No. 6525185
                                                                                                                                                                                                                                                                                                                                                   EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 195
LENGTH: 29
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Patent No. 6525185
GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension FILE REFERENCE: 018547-0134210US CURRENT APPLICATION NUMBER: US/09/304,232 CURRENT FILING DATE: 1999-05-03
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
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TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                            OTHER INFORMATION: APOC4 1281
                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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                                                                                                                                                                                                      Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             675 TCACTGCAACCTCTGCCTCCCGGGTTCAA 703
                                                                                                                                              843 CCTGCCTCGGCCTCCCAAAGTGCTGGGAT 871
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Pred. No. 74;
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Pred. No. 74;
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LENGTH: 29
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LENGTH: 29
                                                                     Query Match
Best Local Similarity
Matches 26; Conserv
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Best Local Similarity
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TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
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CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICANT: Case Western Reserve University School of Medicine
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APPLICANT: Chakravarti, Aravinda
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
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                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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                     670 TTGGCTCACTGCAACCTCTGCCTCCCGGG 698
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29 TTGGCTCACTGCAASCTCCGCCTCTCGGG
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Pred. No. 74;
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Pred. No. 74;
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RESULT 46 US-09-304-232-699

Sequence 699, Application US/09304232 Patent No. 6525185 GENERAL INFORMATION:

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                                                                     RESULT 48
US-09-304-232-845
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 699
LENGTH: 29
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 712
LENGTH: 29
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Best Local Similarity
Matches 26; Conserv
               Sequence 845, Application US/09304232
Patent No. 6525185
GENERAL INFORMATION:
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GENERAL INFORMATION:
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TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT APPLICATION NUMBER: US/09/304,232
EARLIER APPLICATION NUMBER: US/09/304,641
EARLIER FILING DATE: 1998-05-07
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TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension FILE REFERENCE: 018547-034210US
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CURRENT FILING DATE: 1999-05-03
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EARLIER FILING DATE: 1998-05-07
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APPLICANT: Fan, Jian Bing
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                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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Chakravarti,
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Pred. No. 7
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Pred. No. 74;
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US-09-837-149-4
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RESULT 50
US-09-304-232-185/c
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PRIOR FILING DATE: 2000-04-19
NUMBER OF SEQ ID NOS: 4
SEQ ID NO 4
LENGTH: 25
TYPE: DNA
ORGANISM: artificial sequence
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Best Local (
                                                                                                                              Matches
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APPLICANT: Chen, Jianmin
TITLE OF INVENTION: PCR-Hybridization Assays
TITLE OF INVENTION: Integrated Retroviruses
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CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
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APPLICANT: Halushka, Marc Kenneth
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CURRENT FILING DATE: 2001-04-18
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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NAME/KEY: primer
OTHER INFORMATION: primer for the Alu
OTHER INFORMATION: chromosomal DNA
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Sequence 185, Application US/09304232
Patent No. 6525185
GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing APPLICANT: Chakravarti, Aravinda APPLICANT: Halushka, Marc Kenneth

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CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 185
LENGTH: 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
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Best Local
                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Field, Bree E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 9999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension FILE REFERENCE: 018547-034210US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Case Western Reserve University School of Medicine
                                                                                        TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Chenchik, Alex
APPLICANT: Jokhadze, George
APPLICANT: Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Fish & Richardson, P.C. STREET: 2200 Sand Hill Road, Suite 100 CITY: Menlo Park
                  TOPOLOGY: 1i
                                                    TYPE: nucleic acid
                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/0:
FILING DATE: 21-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                        LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         635 CTCTGTCACCCAGGCTGGAGTGCAG 659
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25 CTCTGTCACCYAGGCTGGAGTGCAG 1
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                                                                      26 base pairs
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                                  single
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Pred. No. 87;
1; Mismatches
                                                                                                                                                                                             09096/002001
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US-08-859-998-1072
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                                                            Matches
                                                                          Best
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Matches 25; Conserv
                                                                                                                                                                                                                                                           TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION UNMER: 37,620
REFERENCE/DOCKET NUMBER: 0909
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-570
TELEPAX: 415-854-0875
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                                                                                                                       FEATURE:
OTHER INFORMATION: oligonucleotide primer
                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 1
FILING DATE: 21-MAY-:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: Fast-SEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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APPLICANT: Jokhadze,
APPLICANT: Bibilashv
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CORRESPONDENCE ADDRESS
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                                                                                                                                                                MOLECULE TYPE:
                                                                         Local
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                            650 TGGAGTGCAGTGGCGCAATCTTGGCT 675
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                                                                         Similarity
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TGGAGTGCAATGGCGCAATCTTGGCT 26
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Bibilashvilli, Robert
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                                                            Conservative
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                                                                         96.2%;
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Pred. No. 77;
                                                                          Score 24.4;
Pred. No. 77;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                            Mismatches
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                                                                                         DB 1;
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                                                                                       Length 26;
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RESULT 53 US-09-225-928-66

Sequence 66, Application US/09225928 Patent No. 6352829

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US-09-225-928-1072
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                                                                                                                                                                                                                                                    Sequence 1072, Application US/09225928
Patent No. 6352829
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 66:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              2.5%;
Local Similarity 96.2%;
les 25; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOPTMARE: PESELSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Field, Bret B.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 090
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Chenchik, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: oligonucleotide primer SEQUENCE DESCRIPTION: SEQ ID NO: 66:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1375
                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                  NUMBER OF SEQUENCES: 1375
                                                                                                                                                                                   TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                     APPLICANT: Chenchik, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                859 AAAGTGCTGGGATTACAGGCGTGAGC 884
                                                                                                                                                                                                                                                                                                                                                                                               1 AAAGTGCTAGGATTACAGGCGTGAGC 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 26 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Menlo Park
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 94025
                 COUNTRY: US
ZIP: 94025
                                                     STATE: CA
                                                                       CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Jokhadze, George
Bibilashvilli, R
                                                                                                                                                                                                   Jokhadze, George
Bibilashvilli, Ro
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                                                                                                                                                                   EXPRESSION
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Pred. No. 77;
0; Mismatches
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SEQUENCE DESCRIPTION: SE
US-09-225-928-1072
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US-09-225-201B-66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 66, Application Patent No. 6489455
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 1072:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ocal Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOPTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
                                                                                                            SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201B
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
                                                     APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: lin
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Chenchik, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             650 TGGAGTGCAGTGGCGCAATCTTGGCT 675
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  25;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Diskette
                                                                                                                                                                                                                         COMPUTER: IBM Compatible OPERATING SYSTEM: Windows95
                                                                                                                                                                                                                                                                                                      COUNTRY: US
ZIP: 94025
                                                                                                                                                                                                                                                                                                                                           STATE: CA
                                                                                                                                                                                                                                                                                                                                                             CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Fish & Richardson, STREET: 2200 Sand Hill Road,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 415-854-0875
 NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
                                         NAME: Field,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/09225201B
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Pred. No. 77;
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Q ID NO: 1072:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Robert
                                                                                                                                                                                                                                                                                                                                                                                 1, P.C.
Suite 100
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; SEQUENCE DESCRIPTION: SEQ ID NO: 1072: US-09-225-201B-1072
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Best Local Similarity
Matches 25; Conserv
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GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 66:
                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 1072:
                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201B
FILING DATE: 05-Jan-1999
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                   REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Bibilashvilli, Robert TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: oligonucleotide SEQUENCE DESCRIPTION: SEQ ID NO: 66:
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Jokhadze, George
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA
                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                              LENGTH: 26 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/859,998 FILING DATE: 21-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Fish & Richardson, P.C. STREET: 2200 Sand Hill Road, Suite 100
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                                                                                                                                                                                                                                                                                                                     NAME: Field, Bret E.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Diskette
                                                                                                                                                                                                                     TELEFAX: 415-854-0875
                                      OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/09225201B
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96.2%;
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Pred. No. 77;
0; Mismatches
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                                    oligonucleotide primer
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US-09-304-232-200
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Best Local Similarity
Matches 25; Conserv
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GENERAL INFORMATION:
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Patent No. 6525185
                                                                                                               SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 200,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension FILE REPERIOR: 016547-034210US CURRENT APPLICATION NUMBER: US/99/304,232 CURRENT FILING DATE: 1999-05-03 EARLIER APPLICATION NUMBER: US 60/084,641 EARLIER FILING DATE: 1998-05-07 NUMBER: 05 60/084,641 EARLIER FILING DATE: 1998-05-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                               APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
                                                                                                                                                                                                                                                  TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension FILE REFERENCE: 018547-034210US
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                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                  OTHER INFORMATION: APOC4 1587
                                                                         TYPE: DNA
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Pred. No. 90;
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Pred. No. 7
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Query Match

2.5%;

Score 24.4;

DB 1;

Length 29;

Best Local Similarity

Pred. No. 90;

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TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Pylymorphisms Associated With TITLE OF INVENTION: Hypertension FILE OF INVENTION: Hypertension CURRENT APPLICATION NUMBER: US/09/304,232 CURRENT FILING DATE: 1999-05-03 EARLIER APPLICATION NUMBER: US 60/084,641 EARLIER FILING DATE: 1998-05-07 NUMBER OF SEQ ID NOS: 909 SOPTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 569
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                                                     ; FEATURE:
; OTHER INFORMATION: HSTSCGENE 3710
US-09-304-232-569
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LENGTH: 29
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Best Local
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GENERAL INFORMATION:
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Case Western Reserve University School of Medicine APPLICANT: Affymetrix, Inc.
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
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                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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nes 25; Conserv
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llarity 89.3%;
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Pred. No. 90;
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Pred. No. 90;
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LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
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Query Match 2.5%;
Best Local Similarity 89.3%;
Matches 25; Conservative
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Best Local Similarity 89.3%;
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TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension FILE REFERENCE: 018547-034210US CURRENT APPLICATION NUMBER: US/09/304,232 CURRENT APPLICATION NUMBER: US/09/304,232 EARLIER FILING DATE: 1999-05-03 EARLIER APPLICATION NUMBER: US 60/084,641 EARLIER FILING DATE: 1998-05-07 NUMBER OF SEQ ID NOS: 909 SOFTWARE: FRANCES FASTSSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                    APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-0342210US
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US/09/304,641
EARLIER APPLICATION NUMBER: US/0084,641
UNDBER OF SEQ ID NOS: 909
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
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APPLICANT: Chakravarti, A:
                                                                                                   OTHER INFORMATION: PGISEX10 3217
                                                                                                                                          ORGANISM: Artificial Sequence
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      ; Score 24.4; D
; Pred. No. 90;
1; Mismatches
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Pred. No. 90;
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TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension FILE REFERENCE: 01847-034210US
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 156
LENGTH: 29
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                                                                                   ; OTHER INFORMATION: APOC1EX1 1020 US-09-304-232-156
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LENGTH: 29
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CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
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APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
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APPLICANT: Chakravarti, A
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SOFTWARE: FastSEQ for Windows Version 3.0
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ORGANISM: Artificial Sequence
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                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                       TYPE: DNA
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Local Similarity 86.;
les 25; Conservative
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Score 23.8; D
Pred. No. 1e+0
1; Mismatches
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Pred. No. 1e+02;
1; Mismatches 3;
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                                         DB 1; Length 29;
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RESULT 65
US-09-304-232-507
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US-09-304-232-686/c
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                                                                             OTHER INFORMATION: PGISEX10 1505
US-09-304-232-686
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 686
LENGTH: 29
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 507
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APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT:
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Patent No. 6525185
GENERAL INFORMATION:
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Best Local :
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  Matches
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Best Local
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CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
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                                                                                                                     FEATURE:
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                                                                                                                                                            TYPE: DNA
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Local Similarity 86.2%;
les 25; Conservative
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  l Similarity
25; Conserv
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    Conservative
                  2.4%;
Score 23.8; D
Pred. No. 1e+0
1; Mismatches
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Pred. No. 1e+02;
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TTAGTAGAGACGGGRTTTCGCCATGTTGG

US-09-304-232-702

Sequence 702, App Patent No. 65251

Application US/09304232

Patent No.

APPLICANT: Fan, Jian Bing APPLICANT: Chakravarti, Aravinda

INFORMATION:

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TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Pylortension FILE REPERSING: 018547-034210US CURRENT APPLICATION NUMBER: US/09/304,232 CURRENT FILING DATE: 1999-05-03 EARLIER APPLICATION NUMBER: US 60/084,641 EARLIER FILING DATE: 1998-05-07 NUMBER OF SEQ ID NOS: 909 SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 702
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US-09-304-232-860
                                                                                                                                 US-09-304-232-860
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Best Local Similarity 86.3
Matches 25; Conservative
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SEQ ID NO 860
LENGTH: 29
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                                                                                           Query Match
                                                          Matches
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TITLE OF INVENTION: Polymorphisms Associated With TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
                                                                                                                                                                                                                                                                           EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
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APPLICANT: Halushka, Marc Kenneth
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                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                     TYPE: DNA
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ORGANISM: Artificial Sequence
                                                                                                                                                   OTHER INFORMATION:
                                                                                                                                                                    FEATURE:
                                                      Local Similarity es 25; Conserv
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GGCGTGAGCCACCACGCCCGGCTTATTTT 904
                                                        Conservative
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Pred. No. 1
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Pred. No. 1e
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1e+02;
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US-09-304-232-861
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LENGTH: 29
TYPE: DNA
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LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: TBXA2REX3 906
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Best Local Similarity
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APPLICANT: Case Western Reserve University School
APPLICANT: Affymetrix, Inc.
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EARLIER FILING DATE: 1998-05-07
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CURRENT FILING DATE: 1999-05-03
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APPLICANT: Chakravarti, Aravinda
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                                   652 GAGTGCAGTGGCGCAATCTTGGCTCACTG 680
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                                                                      Conservative
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Pred. No. 1e
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US-09-108-006C-25/c

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US-09-632-657-25
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             Sequence 25, Application US/09632657 Patent No. 6730476
GENERAL INFORMATION:
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APPLICANT: DUFF, GORDON
                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 25:
                                                                                                                                                                                                                                      Local
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OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/108,006C
FILING DATE: 30-Jun-1992
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Bandyopadhyay, Paramita
Roy-Chowdhury, Jayanta
TITLE OF INVENTION: Hepatocellular Chimeraplasty
NUMBER OF SEQUENCES: 62
                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linea MOLECULE TYPE: Other
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MEDIUM TYPE: Diskette
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                                                                                                                                                                               1113 GGCTGGTCTCAAACTCCTGACCTCA 1137
                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE
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                                                                                                                                              25
                                                                                                                                                                                                                                        Similarity
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APPLICATION NUMBER: 60/074,497
FILING DATE: 12-FEB-1998
APPLICATION NUMBER: PCT US 98/08834
FILING DATE: 30-APR-1998
                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 25 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Friebel, Thomas
REGISTRATION NUMBER: 29258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/054,288 FILING DATE: 30-APR-1997 APPLICATION NUMBER: 60/054,837 FILING DATE: 05-AUG-1997
                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single
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TELEFAX: 215-504-4545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/064,996 FILING DATE: 10-NOV-1997
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||REET: 300 Pheasant Run
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Pred. No. 9
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US-09-687-637B-18/c
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                                                                                                                                                              Sequence 210, Application US/09304232 Patent No. 6525185 GENERAL INFORMATION:
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APPLICANT: Hirata, Yuichi
TITLE OF INVENTION: CYTOKINE-LIKE PROTEINS THAT PROMOTE CELL PROLIFERATION
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SEQ ID NO 25
LENGTH: 25
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LENGTH: 27
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Best Local Similarity
Matches 24; Conserv
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APPLICANT: VAN DIJK, SIMON
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: MSA-012.01
CURRENT APPLICATION NUMBER: US/09/632,657
CURRENT FILING DATE: 2000-08-04
NUMBER OF SEQ ID NOS: 30
             APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
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CURRENT FILING DATE: 2000-10-13
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PRIOR FILING DATE: 1999-04-14
PRIOR APPLICATION NUMBER: JP 10/121805
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ORGANISM: Artificial Sequence
FEATURE:
CURRENT APPLICATION NUMBER: US/09/304,232
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Pred. No. 90
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                                                                                                                                                                                                                                                                                                                                                                                                                 Length 27;
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                                                                                                                                                                                                                                                                                       US-08-635-820A-1
                                                                                                                                                                                                                                                                                                            RESULT 76
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FASELSEQ for Windows Version 3.0
SEQ ID NO 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 27, Application US/09387300 Patent No. 6358685 GENERAL INFORMATION:
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Best Local :
                                                                                                                                                Sequence 1, Application US/08635820A
Sequence 1, Application US/08635820A
Patent No. 5817462
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: YUVAL GARINI ET AL.
TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
APPLEAGE OF SECUENCES OF SCHOOL Cheinheir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 27
LENGTH: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: 08/480,000
EARLIER FILING DATE: 195-06-07
NUMBER OF SEO ID NOS: 39
SOPTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Branch Migration of Nucleotides FILE REFERENCE: ENZ-49(P)(C)SEQUENCES CURRENT APPLICATION NUMBER: US/09/387,300 CURRENT FILING DATE: 1999-08-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Wetmur, James G
APPLICANT: Quatrin, Robin S
APPLICANT: Engelhardt, Dean L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:PALA-D-G3 OTHER INFORMATION: fragment
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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COMPUTER READABLE FORM: MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
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                                                                                                                    STREET:
                                                            COUNTRY:
                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                              968 TCTCGGCTCACTGCAACCTCTGCCTC 993
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                                                                                                                                                                                                                                                                                                                                                                    1 TCTCGGCTCACTGCAACGTCCGCCTC 26
                                                                                            SSEE: Mark M. Friedman c/o Robert Sheinbein
F: 2940 Birchtree lane
Silver Spring
                                                                            Maryland
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llarity 88.9%;
Conservative
                                                            United States of America
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Pred. No. 1.1e+02;
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Pred. No. 1.1e+02
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RESULT 77
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2,
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COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENTIN Release #1.0, V.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,074
FILING DATE: 17-AUG-1994
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICATION NUMBER: 08/392,019
FILING DATE: 21-Feb-95
APPLICATION NUMBER: 08/571,047
FILING DATE: 12-Dec-95
APPLICATION NUMBER: 08/575,191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hyttinen, Juh
APPLICANT: Korhonen, Vel
APPLICANT: Janne, Juhani
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: Twinhead* Slimnote-890TX OPERATING SYSTEM: MS DOS version 6.2, OPERATING SYSTEM: Windows version 3.11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Friedmam, Mark M. REGISTRATION NUMBER: 33
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                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                        STREET:
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TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
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                                                                                                                                                                                                                     CITY: Washington
                                                                                                                                                                                                                                      ADDRESSEE: Adduci, Mastriani, Schaumberg & Schill STREET: 1140 Connecticut Avenue, N.W.
                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local
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Similarity 100.0%; Mismatches
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                                                                                                                                                                                    U.S.A.
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Korhonen, Veli-Pekka
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                single
                                                                                                                                                                                                                                                                                                                 METHOD FOR THE PRODUCTION OF BIOLOGICALLY ACTIVE POLYPEPTIDES IN A MAMMAL'S MILK AS FUSION PROTEINS THAT ARE LESS ACTIVE THAN THE FREE POLYPEPTIDES, OR NON-ACTIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          08/107,673
                                        US/08/291,074
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; Pred. No. 1e+02
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                                                                            Version
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ATTORNEY/AGENT INFORMATION

Kubovcik, Ronald J.

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Best Local
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APPLICANT: YUVAL GARINI ET AL.
TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE
TITLE OF INVENTION: FLUCROPHORES FOR IN SITU HYBRIDIZATION AND
TITLE OF INVENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   09-100-104-1
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
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                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 972-3-5625553
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                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: Twinhead* Slimnote-890TX
OPERATING SYSTEM: MS DOS version 6.2,
OPERATING SYSTEM: Windows version 3.11
SOPTWARE: Word for Windows version 2.0
                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/
FILING DATE: 21-Feb-95
APPLICATION NUMBER: 08/
FILING DATE: 12-Dec-95
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: 18-Aug
                                                                          TELEPHONE:
                                                                                                                    REGISTRATION NUMBER: 33,883
REFERENCE/DOCKET NUMBER: 20
                                                                                                                                         NAME: Friedmam, Mark M. REGISTRATION NUMBER: 33
                                                                                                                                                                                                 APPLICATION NUMBER: 08/635,820 FILING DATE: 22-Apr-1996
                                                                                                                                                                                                                                           APPLICATION NUMBER: FILING DATE: 20-Dec
                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Mark M. Friedman c/o Anthony Castorina STREET: 20001 Jefferson Davis Highway, Suite 207
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                                                           972-3-5625554
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100.0%; Pred. No.
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; TOPOLOGY: linear US-09-100-104-1
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; Sequence 5, Application US/09578656A
; Patent No. 6245963
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                                                                                                                                                                                                                                                                                                                                                US-08-849-701-11/c
                                                                                                                                                                                                                                                                                                                                                             RESULT 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Primer for PCR US-09-578-656A-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 15
SEQ ID NO 5
LENGTH: 24
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                                                                                                                                                                                                                                                                                                              Sequence 11, Application US/08849701 Patent No. 5922544
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Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/578,656A CURRENT FILING DATE: 2000-05-25 PRIOR APPLICATION NUMBER: US 60/136,520 PRIOR FILING DATE: 1999-05-28
                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Miyai, Kiyoshi
APPLICANT: Maitoh, Tsutomu
APPLICANT: Yonekawa, Toshil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Li, Hung
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: A Knockout-Transgenic Mouse Model of Spinal Muscular Atrophy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849
                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear STREET: 620 Newport Center Drive 16th F
                                                                                                                                                                                                               APPLICANT: Yonekawa, Toshihiro
TITLE OF INVENTION: Method of Cell Detection
NUMBER OF SEQUENCES: 12
                                          COMPUTER: IBM Com
OPERATING SYSTEM:
                                                                                                          ZIP:
                                                                                                                                         STATE:
                                                                                                                                                      CITY: Newport Beach
                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               385 TCCCAAAGTGCTGGGATTACAG 406
                                                                                                                                                                                                                                                                                                                                                                                                                               202 TTGGTCAGGCTGGTCTCGAACT 223
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Wu, Mei-Hsiang
Wu, Chang-Hai
Tsai, Chang-Koocke
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Chang, Jan-Gowth
Jong, Yuh-Jyh
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                                                IBM Compatible
SYSTEM: DOS
                                                                             Diskette
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   US/08/849,701
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; Pred. No.
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Pred. No.
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                                                                                                                                                                        16th Floor
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FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER:

PCT/JP95/02734

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RESULT 81
US-08-781-891-30/c
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Best Local Similarity
Matches 22; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781,891
FILING DATE: 27-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Fu, Yii
APPLICANT: Yu, Ch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: EIKE
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                               TELEFAX: (206) 682-603:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                   REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 37
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622,4900
                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PPLICANT: Mulligan, John T.
PPLICANT: Schellenberg, Gerald D.
PPLICANT: Schellenberg, Gerald D.
PPLICANT: SCHERTION: GENE AND GENE PRODUCTS RELATED TO THE OF INVENTION: WERNER'S SYNDROME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                         FILING DATE: 27 CLASSIFICATION:
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                                                                                                                                                                                            NAME:
                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
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                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
COPOLOGY:
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                                                                                                                                                                                    No. 6090620tenburg Ph.D., Carol
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                                : 23 base pairs nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                   Washington
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Yu, Chang-En
Oshima, Junko
                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: SEED and BERRY LLP
6300 Columbia Center,
                                                                                                                                                                                                                                                                                                                                                                                                        USA
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 linear
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                                                                              6) 62-6031
-- NO: 30:
                single
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95.7%;
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Pred. No. 1.2e+02;
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                                                                                                                                                                                                                                                                                              Version
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US-09-618-166-30/c
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                                US-08-859-998-1216
                                                RESULT 83
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Patent No. 6583112
GENERAL INFORMATION:
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Best Local Similarity
Matches : 22; Conserv
Sequence 1216, Application US/08859998 Patent No. 5994076
                                                                                                                                                               Matches
                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/618,166
FILING DATE: 17-Jul-2000
CLASSIFICATION: CUnknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                              NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 240052.419C1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Schellenberg, Gerald D.
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Fu,
                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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                                                                                                                    383 CCTCCCAAAGTGCTGGGATTACA 405
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                                                                                             23 CCTCCCAAAGTGTTGGGATTACA 1
                                                                                                                                                                 22;
                                                                                                                                                                                                                                                                              LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Seed Intellectual Property Law Group STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (206)
TELEFAX: (206) 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 98104-7092
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                                                                                                                                                                                Score 21.4;
Pred. No. 1.
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Pred. No. 1.2e+02
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                                                                                                                                                                                  .2e+02;
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PATENT NO. 322.

GENERAL INFORMATION:
GENERAL PROPRIATION:
GENERAL CHEROCHIK, Alex
APPLICANT: Chenchik, Alex
APPLICANT: Jokhadze, George
APPLICANT: Bibilashvilli, Robert
APPLICANT: Bibilashvilli, Robert
APPLICANT: METHOD OF ASSAYING DIFFERENTIAL

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-08-859-998-1216
                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 84
                                                                                                                                                                                                                                                                                                                                                                                                          US-09-225-928-1216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 0909
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEPAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 1216:
                                                                                                                                                                                                                                                                                                                                                   Sequence 1216, Applica Patent No. 6352829
GENERAL INFORMATION:
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Best Local S
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION NATURE DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 2200 Sand
CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH:
              COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                   ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                              APPLICANT: Chenchik, Alex
Jokhadze, George
Bibilashvilli, Robert
                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1375
                                                                                                                                                                                                                                                                                TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            867 GGGATTACAGGCGTGAGCCACCACGC 892
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGATTACAGGTGTGAGTAACCACGC 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Similarity 88.5%;
23; Conservative
                                                                                                                                       STATE: CA
COUNTRY: US
APPLICATION NUMBER: US/09/225,928
                                                                                                                                                                           CITY: Menlo Park
                                                                                                                                                                                          ADDRESSEE: Fish & Richardson, P.C. STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Fish & Richardson, P.C.
2200 Sand Hill Road, Suite 100
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                                                                                                                                                                                                                                                                                                                                                                                        Application US/09225928
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Diskette
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                                                                                                                                                                                                                                                               EXPRESSION
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Pred. No. 1.5e
0; Mismatches
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                                  2.0
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GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 1216:
SEQUENCE CHARACTERISTICS:
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 1216:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/0
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
es 23; Conserv
                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09
                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: PASTESEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201B
PILING DATE: 05-Uan-199
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Jokhadze, George
Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94025
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Chenchik, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: oligonucleotide primer SEQUENCE DESCRIPTION: SEQ ID NO: 1216:
                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESSE: Fish & Richardson, P.C.
ADDRESSEE: 71sh & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  867 GGGATTACAGGCGTGAGCCACCACGC 892
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GGGATTACAGGTGTGAGTAACCACGC 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                         APPLICATION NUMBER: US/08/859,998 FILING DATE: 21-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 05-Jan-1999
                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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88.5%;
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Pred. No. 1.5e+02;
0; Mismatches 3;
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US-08-133-629-2/c
                                              RESULT 87
US-09-366-840-1/c
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Best Local 9
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            Sequence 1, Application Patent No. 6228345
GENERAL INFORMATION:
                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                            TELEFAX: 617-720-2441
TELEX: 92-1742 EZEKI
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/133,629 FILING DATE: 07-OCT-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Munroe, David J.
APPLICANT: Housman, David B.
TITLE OF INVENTION: AMPLIFIC
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 617-720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Greer, Helen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Match 2.1%;
Local Similarity 88.5%;
les 23; Conservative
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                                                                                                                                                                                         Local
                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Boston
                                                                                                                                                                                                                                                            TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: oligonucleotide primer SEQUENCE DESCRIPTION: SEQ ID NO: 1216:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA FEATURE:
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                                                                                                                                              967
                                                                                                               21
                                                                                                                                                                           Similarity 100.0%;
21; Conservative (
                                                                                                             ATCTCGGCTCACTGCAACCTC 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
                                                                                                                                            ATCTCGGCTCACTGCAACCTC 987
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: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                           single
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YO: 2:
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                              US/09366840
                                                                                                                                                                           2.1%; Score 21; DB
100.0%; Pred. No. 1.:
1ve 0; Mismatches
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Pred. No. 1.5e+02;
0; Mismatches 3
                                                                                                                                                                                                             DB 1;
                                                                                                                                                                                              1.2e+02;
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RESULT 88
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                                                           MOLECULE TYPE:
US-09-060-023A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-060-023A-3/c
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Matches
         Query Match
Best Local Similarity
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TITLE OF INVENTION: IN Vivo ASSAY for Intravasation
FILE REFERENCE: A32590 70165.0550
CURRENT APPLICATION NUMBER: US/09/366,840
CURRENT FILING DATE: 1999-08-04
                                                                                                                                                                                                                                          APPLICATION NUMBER: US/09/060
APPLICATION NUMBER: US/09/060
FILING DATE: April 14, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/
FILING DATE: UJLY 9, 1996
ATTORNEY/AGENT INFORMATION:
NAME: PETYYMAN, DAVId G.
REGISTRATION NUMBER: 33,438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                 TELEFAX: 404-688-9880 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Needle &
                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Perkins,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                     STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Atlanta
                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
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                                                                                                                                    LENGTH:
                                                                                                                                                                                                TELEPHONE: 404-688-0770
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                                                                                                                 nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Georgia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Needle & Rosenberg, P.C.
Suite 1200, 127 Peachtree Street,
                                                                                                                                      24 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Larionov, Vladimir L. Kouprina, Natalay Y.
                                                                                                                                                                                                                                                                                                                                                                                         PatentIn Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Resnick, Michael A.
 Conservative
                                                                                          linear
                                                                        DNA (genomic)
                                                                                                    single
              2.1%;
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Pred. No.
 <u>.</u>
              Score 20.8;
Pred. No. 1
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675 TCACTGCAACCTCTGCCTCCCGGG 698

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APPLICANT: Brooks Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
TITLE OF INVENTION: CHOLESTEROL LEVELS
FILE REFERENCE: 50110/002005
CURRENT APPLICATION NUMBER: US/09/526,193A
CURRENT FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR FILING DATE: 1999-06-08
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-07
                                                          ; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens US-09-526-193A-275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-526-193A-275/c
; Sequence 275, Application US/09526193A
; Patent No. 6617122
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; ORGANISM: Homo sapiens
US-09-657-472-503
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SEQ ID NO 503
LENGTH: 21
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LENGTH: 22
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Query Match
Best Local Similarity
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Best Local Similarity
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PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/151,977 PRIOR FILING DATE: 1999-09-01
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APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
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                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 4.0
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95.2%;
2.1%;
95.5%;
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Pred. No. 1.
Score 20.4; DB 1;
Pred. No. 1.4e+02;
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; ANTI-SENSE: Yes
US-08-837-201C-25
                                                                                                                                                           RESULT 92
US-09-280-805-242/c
                               Sequence 242, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 5985558
GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                        Matches
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INFORMATION FOR SEQ ID NO:
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CURENT APPLICATION DATA:
APPLICATION UMBER: US/08/837
FILING DATE: April 14, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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MEDIUM TYPE: DISKETT
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APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonu
TITLE OF INVENTION: Compositions and
TITLE OF INVENTION: Activating Protei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
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CORRESPONDENCE ADDRESS
                    NUMBER OF SEQUENCES:
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OPERATING SYSTEM: WINDOWS
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                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: Nucleic Acid
STRANDEDNESS: Sing
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Conservative (
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Compositions and Methods for the Modulation
Activating Protein 1
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100.0%; Pred. No.
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. 1.3e+02
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US-09-280-805-266/c
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Patent No. 6184212
                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 09/048, 1 FILING DATE: March 26, 1998 ATTORNEY/AGENT INFORMATION: NAME: Licata, Jane Massey REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
TOPOLOGY: Line
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 181
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: WORDPERFECT 6.0 CURRENT APPLICATION DATA:
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MEDIUM TYPE: DISKETT
                                                                                          COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
                                               FILING DATE: herewith CLASSIFICATION: PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
TUMBER OF SEQUENCES: 271
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STREET: 66
CITY: Marl
                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                APPLICATION NUMBER: 09/048,810 FILING DATE: March 26, 1998
                                                                                                                                                                                                                                                                        CITY: Marlton
                                                                                                                                                                                                                                                                                      STREET:
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66 East Main Street
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100.0%; Pred. No. 1.3e+(
ative 0; Mismatches
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                                                                                                                                                                                     3.5 INCH,
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                                                                                                                                                                                      1.44 Mb
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                                                                       ; ANTI-SENSE:
US-09-280-805-267
                                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
веят Local
Matches 2
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Patent No. 6184212
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Best Local S
                                 Query Match
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,8
FILING DATE: herewith
CLASSIFICATIN:
PRIOR ADDITION
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APPLICANT: Loren J. Mirac
APPLICANT: Graham, Brett
TITLE OF INVENTION: ANTIC
TITLE OF INVENTION: EXPRE
                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,81
APPLICATION NUMBER: 09/048,81
FILING DATE: March 26, 1998
ATTORNEY, AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH
TELECOMMUNICATION INFORMATION:
TELECHENUE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPAX: 609-810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: Linear ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: Single
                                                                                                                         STRANDEDNESS:
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   ch 2.0%; Score 20; DB 1; Similarity 100.0%; Pred. No. 1.3e+0 20; Conservative 0; Mismatches
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Similarity 100.0%; Pred. No.
20; Conservative 0; Mismatcl
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66 East Main Street
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                                                                                                       S: Single
Linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EXPRESSION
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). 1.3e+02
                       1.3e+02;
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                                                     Sequence 62, Application US/09488856A
PATENT NO. 6316259
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXF
                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local S
FILE REFERENCE: RTS-0115
CURRENT APPLICATION NUMBER: US/09/488,856A
CURRENT FILING DATE: 2000-01-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Miraglia, Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods f
TITLE OF INVENTION: Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IST
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
PRIOR APPLICATION UNMBER:
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: April 14, 1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: Nucleic Acid
STRANDEDNESS: Sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Marlton
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE:
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                                                                                                                                                                                                                                                                                                                              843 CCTGCCTCGGCCTCCCAAAG 862
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Linear
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                                                                                                                                                                                                                                                                                                                                                                  2.0%; Score 20; DB 1;
100.0%; Pred. No. 1.3e+
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US/08/837,201
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RESULT 97
US-09-705-299-17/c
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                                                          ; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-173A-18
                                                                                                                                                                                                                                                                                                                                          RESULT 98
US-09-780-173A-18/c
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                                                                                                                             NUMBER OF SEQ ID NOS: 95
SEQ ID NO 18
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: RTS-0174
CURRENT APPLICATION NUMBER: US/09/705,299
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 17
LENGTH: 20
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SEQ ID NO 62
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            Query Match
Best Local (
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 Matches
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                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE FILE REFERENCE: RTS-0165
CURRENT APPLICATION NUMBER: US/09/780,173A
CURRENT FILING DATE: 2001-02-08
                                                                                                                                                                                                                                              APPLICANT: Robert McKay
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Lex M. Cowsert
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR APOPTOSIS SUSCEPTIBILITY GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                          TYPE: DNA
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Local Similarity 100.0%; Pred. No.
hes 20; Conservative 0; Mismatch
Local Similarity hes 20; Conserv
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o. 6440737
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              2.0%; Score 20;
100.0%; Pred. No.
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; Pred. No.
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 1.3e+02;
hes 0;
                                DB 1;
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                             Length 20;
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   Indels
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   Gaps
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US-09-733-294A-82
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-060-299-78
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Best Local Similarity 100.0%;
Matches 20; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 108
SEQ ID NO 82
LENGTH: 20
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: ISPH-0527
CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-12-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Edward V. Wancewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Brett P. Monia
APPLICANT: William Gaard
APPLICANT: Susan M. Frei
APPLICANT: Edward V. Wan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
                                                                                                                                                                                                                                                                                                                                       APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS
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PRIOR APPLICATION DATA:
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                APPLICATION NUMBER: US 6
                                                                                                                                                                                                                                              CITY: Arlington STATE: Virginia
                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                   STREET:
                                                                      CLASSIFICATION:
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Casker
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Kawaguchi, Yoshihiko
Merriman, Tony R
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                                                                                                                                                                                                                                                                                                Nixon and Vanderhye
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                                   US 60/043,553
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0;
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Pred. No.
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US-09-402-923A-78
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GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
INFORMATION
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                    PILING DATE: 14-Feb-2001

PRIOR APPLICATION UNMER: CT/GB98/01102

PILING DATE: 15-APR-1998

APPLICATION UNMER: US 60/043,553

PILING DATE: 15-APR-1997

APPLICATION NUMBER: US 60/048,740

PILING DATE: 05-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                         ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
COETMANDE: DETCOTTO BOLOGGE #1 00
                                                 ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 62'
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
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TITLE OF INVENTION: No. 6555654el LDL-Receptor
NUMBER OF SEQUENCES: 455
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STATE: Virginia
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                   TELEPHONE:
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Kawaguchi, Yoshihiko
Merriman, Tony R
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Hammond, Holly
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                                    (703)816-4091
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ER: 620-35
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Pred. No.
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                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide US-09-679-299A-70
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Query Match
Best Local S
Matches 20
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APPLICANT: Vickie L. Brown-Driver
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
FILE REFERENCE: RTS-0187
CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
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Best Local S
Matches 20
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Patent No. 6562959
                                                                                                                                                         SEQ ID NO 70
LENGTH: 20
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Best Local Similarity
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TITLE OF INVENTION: FLUCRESCENT PROBES FOR CHROMOSOME
FILE REFERENCE: GENSET.069AUS
CURRENT APPLICATION NUMBER: US/09/418,804A
CURRENT FILING DATE: 1999-10-15
EARLIER APPLICATION NUMBER: FR 98/12957
EARLIER FILING DATE: 1998-10-15
UNMBER OF SEQ ID NOS: 3
                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 164
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                                                                                                        ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                           TYPE: DNA
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                   Similarity
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2.0%; Score 20; DB 1; Lilarity 100.0%; Pred. No. 1.3e+02; Conservative , 0; Mismatches 0;
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100.0%; Pred. No. 1...
Live 0; Mismatches
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hes 0;
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                                                                                                                                              US-09-679-299A-74
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; LENGTH: 20
; TYPE: DNA
                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 74
LENGTH: 20
                                                                       Best Loc
Matches
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Best Local Similarity
Matches 20; Conserv
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APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
FILE REFERENCE: RTS-0187
                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 74, Appli
Patent No. 6566135
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                         APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
FILE REFERENCE: RTS-0187
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CURRENT FILING DATE: 2000-10-04
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APPLICANT: Hong Zhang
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                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                             OTHER INFORMATION: Antisense Oligonucleotide
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                                                                       Local Similarity
les 20; Conserv
                                 202 TTGGTCAGGCTGGTCTCGAA 221
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                                                                     2.0%; Score 20; DB 1;
100.0%; Pred. No. 1.3e+02
tive 0; Mismatches 0
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RESULT 106 US-08-753-147-28/c

Sequence 28, Application US/08753147
Patent No. 5770372
GENERAL INFORMATION:

APPLICANT: Concannon, Patrick TITLE OF INVENTION: Detection

Detection of Mutations in the Human ATM Gene

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                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 107
US-09-018-584A-96/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                          Sequence 96, Application US/09018584A Patent No. 6238863
                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Schumm, James W.
APPLICANT: Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS
TITLE OF INVENTION: IDENTIFYIN
TITLE OF INVENTION: REPEAT DNJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (206) 224 0779
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HYPOTHETICAL: N
ANTI-SENSE: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Christensen O'Connor Johnson and Kindness
                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: VM
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Sheiness, Diana K.
REGISTRATION NUMBER: 35,356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM:
                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ropology:
APPLICATION NUMBER: US/0:
FILING DATE: 04-Feb-1998
                                                                                                                                                                                  CITY: Madison
                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  643 CCCAGGCTGGAGTGCAGTGG 662
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                                                                                                                                    53711-5399
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                                                                                                                                                                    Wisconsin
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                                                                                                                                                                                                    2800 Woods
                                                                                                                                                    U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2.0%; Score 20;
100.0%; Pred. No.
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                                                                                                                                                                                                                                                                        REPEAT DNA MARKERS
                                                                                                                                                                                                                                                                                        MATERIALS AND METHODS FOR INTERMEDIATE TANDEM
                                                                                                                                                                                                      Corporation
Hollow Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US/08/753,147
              US/09/018,584A
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US-09-784-423-96/c
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                                                                          US-09-784-423-96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 96, Applicati Patent No. 6767703 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Query Match 2.0%;
Best Local Similarity 91.3%;
Matches 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (608) 257-22 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 96
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (608) 257-3501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                          STATE: Wisconsin
COUNTRY: U.S.A.
COUNTRY: U.S.A.
ZIP: 53711-5399
ZIP: 53711-5399
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.4/
COMPUTER: IBM comparible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
TRACEPETATION.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
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                                                                                                                                                                                                                                                  NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 166
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 09/018,584
FILING DATE: 04-Feb-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 147 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bacher, Jeffery W. TITLE OF INVENTION: MATERIALS AND METHODS
                                                                                        TOPOLOGY: Linear SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Schumm, James W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        638 TGTCACCCAGGCTGGAGTGCAGT 660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        23 TATCACCCAGGCTGGAGTGCAAT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           21;
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                                                                                                                          TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                 TELEPHONE: (608) 257-3501
TELEPAX: (608) 257-2275
                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Promega Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/09784423
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2800 Woods Hollow Road
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                      Score 19.8; DB 1;
Pred. No. 1.8e+02;
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Pred. No. 1
                                                                                                                                                                                                                                                                        16026.9180
                                                                                              96
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                                      DB 1;
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                                      Length 24;
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Gaps

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TGTCACCCAGGCTGGAGTGCAGT 660

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TATCACCCAGGCTGGAGTGCAAT 1

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RESULT 109
US-08-670-479-11
                                                                                 US-09-345-217-10
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Sequence 10, Application US/09345217
Patent No. 6268142
GENERAL INFORMATION:
APPLICANT: DUFF, GORDON W.
APPLICANT: COX, ANGELA
                                                                                                                                                                                                                               Query Match
Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 11,
                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Han, William T
REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: P503
TELECOMPUNICATION INFORMATION:
TELEPHONE: 610-270-5219
TELEFAX: 610-270-5090
                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                              HYPOTHETICAL: NO ANTI-SENSE: NO FRAGMENT TYPE: ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/001,500
FILING DATE: 18-7UL-1996
APPLICATION NUMBER: 60/001,800
FILING DATE: 02-AUG-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hardy, John A.
APPLICANT: Goate, Alison M.
TITLE OF INVENTION: MUTANT S182 GENES
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
PRIOR APPLICATION DATA:
60/001,500
                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 709 Swederand CITY: King of Prussia
                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: PA
                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 26-JUN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                               868 GGATTACAGGCGTGAGCCAC 887
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                                                                                                                                                                                                                                Similarity
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                                                                                                                                                                                                               2; Mismatches
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                                                                                                                                                                                                                               Score 19.2; DB 1;
Pred. No. 1.6e+02;
                                                                                                                                                                                                                                              Length 20;
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RESULT 112 US-09-845-129-10

GENERAL INFORMATION:
APPLICANT: DUFF, GORDON W.
APPLICANT: COX, ANGELA
APPLICANT: CAMP, NICOLA J

CAMP, NICOLA J.

Sequence 10, Application US/09845129 Patent No. 6706478

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Best Local Similarity
Watches 21; Conserve
                                      Ś
                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Methods and Products Related to TITLE OF INVENTION: Genotyping and DNA Analysis FILE REFERENCE: M0656/7045(HC/MAT)

CURRENT APPLICATION NUMBER: US/99/404,912

CURRENT FILING DATE: 1999-09-24

PRIOR APPLICATION NUMBER: US 60/101,757

PRIOR FILING DATE: 1998-09-25

PRIOR FILING DATE: 1998-09-25

PRIOR APPLICATION NUMBER: PCT/US99/22283

PRIOR FILING DATE: 1999-09-24

NUMBER OF EGO ID NOS: 691
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                                                                                                                                                                                                     SEQ ID NO 13
LENGTH: 24
TYPE: DNA
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SEQ ID NO 10
LENGTH: 24
                                                                             Matches
                                                                                                       Best
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                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: CAMP, NICOLA J.
APPLICANT: DIGIOVINE, FRANCESCO S.
APPLICANT: DIGIOVINE, FRANCESCO S.
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED TITLE OF INVENTION: WITH AN IL-1 INFLAMMATORY HAPLOTYPE
FILE REFERENCE: MSA-010.02
CURRENT FILING INTE: 1999-06-30
EARLIER APPLICATION NUMBER: US/09/345,217
CURRENT FILING DATE: 1999-06-30
EARLIER APPLICATION NUMBER: PCT/GB98/01481
EARLIER FILING DATE: 1998-05-21
EARLIER FILING DATE: 1998-05-21
EARLIER FILING DATE: 1997-05-29
NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: John Landers APPLICANT: David Houseman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Barbara Jordan APPLICANT: Alain Charest
                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                    ORGANISM: Homo Sapiens
                                                                                                    Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       868 GGATTACAGGCGTGAGCCACCACG 891
                                      870 ATTACAGGCGTGAGCCACCACGCC 893
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  ATTAAAGGCGTGCGCCACCATGCC
                                                                               Conservative
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                                                                                                  1.9%;
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                                                                                                    Score 19.2; DB Pred. No. 2e+02;
                                                                                 Mismatches
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                                                                                                                      Length 24;
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                                                                                 Gaps
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LENGTH: 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT FILING DATE: 2001-04-27
PRIOR APPLICATION NUMBER: 09/345,217
PRIOR FILING DATE: 1999-06-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Kieback,
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 9711040.7 PRIOR FILING DATE: 1997-05-29
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CURRENT FILING DATE: 2001-04-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: MSA-010.02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: DIGIOVINE, FRANCESCO S.

IITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED TITLE OF INVENTION: WITH AN IL-1 INFLAMMATORY HAPLOTYPE
                                                                                                                                     TELEFAX: (202) 293-786
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATES: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/629,939
FILING DATE: 12-APRIL-1996
CLASSIFICATION: 435
                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION: NAME: KIT, Gordon
MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                               REFERENCE/DOCKET NUMBER: A-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 293-7060
                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
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Local Similarity 87.5%;
les 21; Conservative
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                                             TOPOLOGY:
                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                         REGISTRATION NUMBER: 30,764
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                                                                               nucleic acid
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                                           linear
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                                                                                                                                                              293-7860
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METHODS
RISK OF
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Pred. No. 2e+02;
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                                                                                       RESULT 115
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; HYPOTHETICAL:
US-08-759-873-10
                                                                         US-09-280-805-243/c
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                                          Sequence 2
Patent No.
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                               GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: KIT, Gordon
REGISTRATION UNMER: 30,764
REFERENCE/DOCKET NUMBER: A-
REFERENCE/DOCKET NUMBER: A-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
FILING DATE: 12-APRIL-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
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APPLICANT: Loren J. Miragli
APPLICANT: Graham, Brett P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 12 CLASSIFICATION:
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                                                                                                                                                                                                          Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Washington,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
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                                             243, Application US/09280805
p. 6184212
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19; Conserv
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                                                                                                                                                                                                                                                                                                                                                  19 base pairs
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2100 Pennsylvania Avenue,
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Conservative (
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                                                                                                                                                                                                                                                                                                      linear
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                                                                                                                                                                                                                                                                                      DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%;
   Miraglia, Pamela Nero, Mark J.
Brett P. Monia
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                                                                                                                                                                                                             1.9%; Score 19;
.00.0%; Pred. No.
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; Pred. No.
                                                                                                                                                                                             0;
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Avenue, N.W., Suite 800
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                                                                                                                                                                                                Mismatches
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                                                                                                                                                                                                                              DB 1;
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CORRESPONDENCE ADDRESS: TITLE OF INVENTION:

STREET:

ADDRESSEE:

Law Offices of Jane Massey Licata

NUMBER OF SEQUENCES:

EXPRESSION 271

ANTISENSE MODULATION OF HUMAN MDM2

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 250, Application US/09280805
Patent No. 6184212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 6184212
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHAX: 609-919-115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 09/048,1
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
                                                                                                                                                       COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
                               APPLICATION NUMBER: 09/048,0 FILING DATE: March 26, 1998 ATTORNEY, AGENT INFORMATION:
                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Berett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
TIS /79/78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
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STRANDEDNESS: Single
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STATE: NJ
NAME: Licata, Jane Massey REGISTRATION NUMBER: 32,257
                                                                                                        APPLICATION NUMBER: FILING DATE: herewicLassification:
                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                         STREET: 66 Ear
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity 100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: UPFILING DATE: herewith
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                                                                                                                                                                                                                                                                         ZIP: 08053
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                                                                                                                                                                                                                                                                                                                                            66 East Main Street
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                                                                                                                                                                                                                                                                                        U.S.A.
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                                                                                                                                          US/09/280,805
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00.0%; Pred. No. 1.6e+(
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                                                                   09/048,810
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US-09-487-445-94/c
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                              ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-95
                                                                                                                                                                                                                                                                                                                                            RESULT 118
US-09-898-361-95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-487-445-94
                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-01.58
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 176
SEQ ID NO 94
LENGTH: 20
TYPE: DNA
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Best Local Similarity 100.0%;
Matches 19; Conservative
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APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
                                                                                                                  SEQ ID NO 95
LENGTH: 20
                                                                                                                                                                                                                                                                                                          Sequence 95, App
Patent No. 65031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 6258600
Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION FILE REFERENCE: RTS-0107 CURRENT APPLICATION NUMBER: US/09/487,445 CURRENT FILING DATE: 2000-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 609-810-1454 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                    TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
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LENGTH: 20 base pairs
TYPE: Nucleic Acid
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ANTI-SENSE: Yes
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
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100.0%; Pred. No. 1.6e+02;
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100.0%; Pred. No.
1.9%;
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Score 19;
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DB 1;
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Length
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US-09-060-299-286
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RESULT 120
US-09-402-923A-286
; Sequence 286, Application US/09402923A
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                                                                                                                                                                     Query Match 1.9%; Score 19; DB 1; I
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 19; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                            TELEFAX: (703)816-4100 (INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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APPLICANT:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DC-DOS/MS-DOS
COMMANDE PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 60 FILING DATE: 05-JUN-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 36,663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
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5. 6545137
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                                                                                                                                     TCTTGGCTCACTGCAACCT 686
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                                                                                                   TCTTGGCTCACTGCAACCT 20
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                                                                                                                                                                                                                                                                                                                          20 base pairs
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1100 No. 6545137th Glebe Road, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
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Hess, John W
Caskey, Charles T
                                                                                                                                                                                                                                                                                                                                                                                     (703)816-4100
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05-JUN-1997
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                                                                                                                                                                                                            Length 20;
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                   Sequence 30, Application US/09574779B
Patent No. 6767720
GENERRAL INFORMATION:
APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUT VOOR BIOTECHNOL
TITLE OF INVENTION: No. 6767720el cDNAs encoding catenin-binding proteins with
TITLE OF INVENTION: function in signalling and/or gene regulation
FILE REFERENCE: 2676-4415US
CURRENT APPLICATION NUMBER: US/09/574,779B
CURRENT FILING DATE: 2000-05-19
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GENERAL INFORMATION:
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Best Local Similarity
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SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
APPLICATION NUMBER: US 60/048,740
APPLICATION NUMBER: US 60/048,740
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-70U-1997
ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/402,923A
APPLICATION NUMBER: US/09/402,923A
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Metzker, Michael L
TITLE OF INVENTION: No. 6555654el LDL-Receptor
NUMBER OF SEQUENCES: 455
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Hess, John W
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 621
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                              668 TCTTGGCTCACTGCAACCT 686
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STREET: 1100 No. 6555654th Glebe
CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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ZIP: VA 22201-4714
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Kawaguchi, Yoshihiko
Merriman, Tony R
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (703)816-4100
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100.0%; Pred. No. 1.0
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                         1.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                         DB 1; Length 20;
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                                                                           US-08-874-186-11
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Best Local S
Matches 19
                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,
PILING DATE: 10-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: SEXE, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 2488/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 1999-05-17
NUMBER OF SEQ ID NOS: 158
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 30
Query Match
Best Local Similarity
Matches 20; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 11,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: primer FVR510F-09-574-779B-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Tavtigian, Sean V.
APPLICANT: Perry III, William L.
APPLICANT: Skolnick, Mark H.
TITLE OF INVENTION: SPECIFIC MUT.
TITLE OF INVENTION: 4 (MKK4) IN J.
TITLE OF INVENTION: SUPPRESSOR II
                                                                                             MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Primer for STS."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 20
                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                       TYPE: nucreate single STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       / Match 1.9%; Score 19; DB 1; L. Local Similarity 100.0%; Pred. No. 1.6e+02; nes 19; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                               LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     864 GCTGGGATTACAGGCGTGA 882
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 Conservative
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4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT
SUPPRESSOR IN VARIOUS TYPES OF CANCER
               1.9%;
                                                                                                                                                                                                                                                                                                                                                                                                         US 08/782,482
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                                                                                                                                                                                                                                                                                                             24884-121392-01
0; Mismatches
               Score 18.8;
Pred. No. 1
                 .9e+02;
                                   DB 1; Length 22;
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Gaps
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RESULT 124
US-09-918-686-90/c
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US-08-781-891-11
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                                                                                                                                                                                                      US-08-781-891-11
                                                                                                                                                                                                                                         TELEPHONE: (206) 622-4900
TELEPAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 11, App-
00620
                                                                                                                                     Matches
                                                                                                                                                                   Query Match
                                                                                                                                                     Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 24
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: No. 6090620tenburg Ph.D., Carol
NAME: No. NUMBER: 39,317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Mulligan, John T.
APPLICANT: Schellenberg, Gerald D.
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED
TITLE OF INVENTION: WERNER'S SYNDROME
NUMBER OF SEQUENCES: 209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Seattle
STATE: Washing
                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/0 FILING DATE: 27-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                        ropology:
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                                                                                                  479 AGTGCAGTGGTGATCACAGC 500
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: SEED and BERRY LLP 6300 Columbia Center,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/08781891
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
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Yu, Chang-En
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                                                                                                                                       Conservative
                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                    single
                                                                                                                                                 1.9%; Score 18.8; DB 1; 90.9%; Pred. No. 1.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US/08/781,891
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                                                                                                                                       Mismatches
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APPLICANT: Brunkow, Mary
APPLICANT: Proll, Sean
APPLICANT: Papeler, Bryan
APPLICANT: Papeler, Bryan
APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.515
CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105

FOR IDENTIFYING

Sequence 90, Application US/09918686 Patent No. 6475739

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GENERAL INFORMATION:

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RESULT 125
US-09-918-686-94/c
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US-09-618-166-11
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APPLICANT: Brunkow, Mary
APPLICANT: Proll, Sean
APPLICANT: Paeper, Bryan
APPLICANT: Staehling-Han
                                                                                                                                                                                                                                                                     Sequence 11, Application US/09618166
Patent No. 6583112
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 94
LENGTH: 22
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Best Local Similarity
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SEQ ID NO 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: PCR primer -09-918-686-94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Proll, Sean
APPLICANT: Paeper, Bryan
APPLICANT: Staenling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group
STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                            Mulligan, John T.
Schellenberg, Gerald D.
Schellenberg, Gerald D.
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED
WERNER'S SYNDROME
                                                                                                                                                                                                                       APPLICANT: Fu, Ying-Hui
Yu, Chang-En
Oshima, Junko
                  COMPUTER
                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     532 ATCCTCCTGCCTCAGCCTCCCA 553
                                                                                                                                                                                                                                                                                                                                                                                                                          532 AFCCTCCTGCCTCAGCCTCCCA 553
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      22
                                                                                                                                                                                                                                                                                                                                                                                          22 ATTCTCTTGCCTCAGCCTCCCA 1
                                                             CITY: Seattle
STATE: Washington
ZIP: 98104-7092
TER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                  COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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ilarity 90.9%;
Conservative
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Pred. No. 1.9e+02;
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          0;
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TOPOLOGY: linear ; SEQUENCE DESCRIPTION: SEQ ID NO: 11: US-09-618-166-11
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                                                                                                                                           ; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-526-193A-274/c
                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR APPLICATION NUMBER: 60/151,977
                                                                                                                                                                                                                     SEQ ID NO 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                     Query Match
Best Local Similarity
Matches 20; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 274, Application US/09526193A Patent No. 6617122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING TITLE OF INVENTION: CHOLESTEROL LEVELS FILE REFERENCE: 50110/002005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Hayden, Michael R. APPLICANT: Brooks-Wilson, Ang APPLICANT: Pimstone, Simon N.
                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/526,193A
CURRENT FILING DATE: 2000-03-15
                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 287
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1999-09-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 11: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible pt. OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PAtentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   479 AGTGCAGTGGTGTGATCACAGC 500
                                533 recreerecreacerecea 554
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20;
 22 TTCTCCTGCCTTAGCCTCCCAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 AGTGCAGTGGTGATCATAGC 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 240052.419C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/618,166 FILING DATE: 17-Jul-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Brooks-Wilson, Angela R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                         Conservative
                                                                                         1.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 18.8; DB 1
Pred. No. 1.9e+02
0; Mismatches
                                                                                         Score 18.8;
Pred. No. 1
                                                                         Mismatches
                                                                                             1.9e+02
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                                                                                                            DB 1;
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                                                                                                            Length 22;
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RBSULT 128 US-09-922-445-42/c commence 42, Application US/09922445

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CURRENT APPLICATION NUMBER: US/09/922,445;
CURRENT FILING DATE: 2001-08-03;
NUMBER OF SEQ ID NOS: 51;
SOFTWARE: PatentIn version 3.1;
SEQ ID NO 42;
LENGTH: 23;
LENGTH: 23;
TYPE: DNA
ORGANISM: synthetic
US-09-922-445-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9, Application:
Sequence 9, Application:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Reddy, Gurucharan
APPLICANT: Redgy, Hong
APPLICANT: Vallerga, Anne
APPLICANT: Zarling, David A.
TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51
TITLE OF PREPENCE: A-67649-1/RMS/DAV/JJD
TO DEFERENCE: A-67649-1/RMS/DAV/JJD
                                                                                                                                               RESULT 130
US-08-222-177A-341
Sequence 341, Application US/08222177A
Patent No. 5582979
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SEQ ID NO 9
LENGTH: 23
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Best Local S
Matches 20
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Best Local
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APPLICANT: Berglund, Lars G. T.
APPLICANT: Reneland, Rikard H.
APPLICANT: Adam, Gail I. R.
TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
FILE REFERENCE: GG126US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6528268
                                                                           GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: A-67649-1/RMS/DAV/JJD CURRENT APPLICATION NUMBER: US/09/454,495 CURRENT FILING DATE: 1999-12-06 PRIOR APPLICATION NUMBER: 60/119,578 PRIOR FILING DATE: 1999-02-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                   NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Match 1.9%;
Local Similarity 90.9%;
ses 20; Conservative
                       ADDRESSEE:
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E: DeWitt Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                Conservative
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 Mismatches

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Pred. No. 26
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US-08-222-177A-351/c
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                                                                                                                                                                                                                                                                                                                                                                                          Sequence 351, Application US/08222177A
Patent NO. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: DNA IMMEDIATE SOURCE: CLONE: mfd107p1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 0986
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                   ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,1777
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                       APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH
TITLE OF INVENTION: (dC-dA
NUMBER OF SEQUENCES: 460
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 53717-1914
                                                                                                                                                                                                                                                                   STREET: 8000 F
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           386 CCCAAAGTGCTGGGATTACA 405
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                                                                                                                                                                                                                                                  Wisconsin
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                                                                                                                                                                                                                                                                                   E: DeWitt Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                                                                                                                                                                                                                                                                                                           LENGTH POLYMORPHISMS IN (dC-dA)n. (dG-dT)n SEQUE
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                                                                                        US/08/222,177A
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Pred. No. 1.8e+02;
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                                                                                                                             #1.25
                                                                                                                                                                                                                                                                                                                                                               AND
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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TELECOMMUNICATION INFORMATION: TELEPHONE: (608) 831-2100

NAME: Sara, Charles S. REGISTRATION NUMBER: 30 REFERENCE/DOCKET NUMBER:

30,492

09865.601

TELEFAX:

(608) 831-2106

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                                                                                         US-08-588-821-70
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                              Best Local Similarity Matches 19; Conserv
                                                          Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA
IMMEDIATE SOURCE:
IMMEDIATE Mfd110p2
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                                                                                                                                                                                                    TELEFAX: 619/678-5099 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 07
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: S
                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kern, Scott E.
APPLICANT: Hahn, Stephan A.
                                                                                                            MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/588,821 FILING DATE: 19-JAN-1996 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                               NAME: Haile, Lisa A. REGISTRATION NUMBER: 38,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                         TOPOLOGY:
                                                                                                                                      STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Fish & KICHALUSUM....
STREET: 4225 Executive Square, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ropology:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      577 ACCACTACACCTGGCTAATT 596
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o. 5712097
 385 TCCCAAAGTGCTGGGATTAC 404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20 ACCACAACACCTGGCTAATT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     19;
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                                                                                                                                                       nucleic acid
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                                                                                                                           linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Floppy disk
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                                                                                                                                        single
                                             1.9%;
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                                             Score 18.4; DB 1
Pred. No. 1.8e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                  Mismatches
                                                               DB 1;
                                                            Length 20;
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                                                                                                                                                                                                                                                                                                              RESULT 134
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MOLECULE TYPE:
US-08-605-089-43
                                                                                                                                                                                                                                                                                             US-08-915-214-70
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                                                                                                                                                                                                                                         Sequence 70, Application US/08915214
Patent No. 5814457
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/JP95/01352
FILING DATE: 06-JUL-1995
INFORMATION FOR SEQ ID NO: 43:
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APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 06-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JPA-6-154571
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
- ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS STREET: 2100 Pennsylvania Avenue, N.W.
                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSE: Fish & Richardson P.C
                                                                                                                                                                                                          APPLICANT: Kern, Scott E. APPLICANT: Hahn, Stephan A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 2100 Peni
CITY: Washington
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                             CITY: La Jolla
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: NUCLEOTIDE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                ZIP: 92037
                                                                               COUNTRY:
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                                                                                                                             4225 Executive Square, Suite 1400
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Moritoshi KINOSHITA
                                                                                  USA
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B: DNA
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SINGLE
                                                                                                                                                                                             NOVEL TUMOR SUPPRESSOR GENE, DPC4
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                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
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Pred. No. 1.8e+02
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US-08-849-701-12
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REFERENCE/DOCKET NUMBER: 0726
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5099
INFORMATION FOR SEQ ID NO: 70:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 12, Application US/08849701 Patent No. 5922544
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                                                                   APPLICATION NUMBER: PCT/JP95/(
PILING DATE: 27-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: EIKE:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIAL
COMPUTER: IBM COMPATIAL
OPERATING SYSTEM: DOS
SOFTWARE: FASTEMC Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,7
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                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                         FILING DALL.
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PCT/JP95/02734
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LENGTH: 20 base pairs
TYPE: nucleic acid
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APPLICATION NUMBER: US 08/588,821
FILING DATE: 19-JAN-1996
ATTORNAY/AGENT INFORMATION:
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Naitoh, APPLICANT: Yonekawa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 620 Newport CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PLICANT: Yonekawa, Toshihiro
TLE OF INVENTION: Method of Cell Detection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A. ZIP: 92660
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                                                       714-760-9502
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Kiyoshi
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95.0%;
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Pred. No. 1.8e+02;
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RESULT 137
US-09-289-267-164
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                                                                                                                                                                                  ; MOLECULE TYPE: DNA
US-09-005-532-70
                                                                                                                          Matches
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Patent No. 5955292
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                                                                                                                                      Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                 NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 077
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOTWARE: Patentin Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,821
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Fish & R:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kern, APPLICANT: Hahn,
                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                              TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U
ZIP: 92037
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STATE: CA
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mes 19; Conserv
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                                                                                            385 TCCCAAAGTGCTGGGATTAC 404
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                                                                                                                                                                                                                           nucleic acid
EDNESS: single
                                                              TCCCAAAGTGCTGGGATTTC 20
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                                                                                                                                                                                                                                                         20 base pairs
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4225 Executive Square, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.9%;
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                                                                                                                                      Score 18.4;
Pred. No. 1.
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Pred. No. 1.
                                                                                                                          Mismatches
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                                                                                                                                                    Length 20;
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Sequence 164, Application US/09289267A Patent No. 6046320 GENERAL INFORMATION:

APPLICANT: Brett P. Monia

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; OTHER INFORMATION: AntiBense Oligonucleotide US-09-289-267-164
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                                                                                                                                                                                                                                                                                          US-09-435-296-81/c
                                                                                                                                                                                                                                                                                                              RESULT 139
US-09-435-296-81
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CURRENT FILING DATE: 1999-04-04
NUMBER OF SEQ ID NOS: 166
SEQ ID NO 164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 19; Conserv
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LENGTH: 20
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Patent No. 6171860
GENERAL INFORMATION:
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Patent No. 6171860
GENERAL INFORMATION:
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                                                                                 SEQ ID NO 81
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
FILE REFERENCE: RTS-0116
CURRENT FAPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 199-11-05
NUMBER OF SEQ ID NOS: 89
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TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: RTS-0049
                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 1999-11-05
                                                                                                                                                                       TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION FILE REFERENCE: RTS-0116
                                                                                                                                                                                                      APPLICANT: Brenda F. Baker APPLICANT: Lex M. Cowsert
                                                                                                                    NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                   FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
              OTHER INFORMATION: Antisense Oligonucleotide
                                               ORGANISM: Artificial Sequence
                                                                   TYPE: DNA
                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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Pred. No. 1.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 18.4; DB 1;
Pred. No. 1.8e+02;
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Query Match

1.9%;

Score 18.4;

DB 1;

Length 20;

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US-09-280-805-246/c
                                                                                                                   RESULT 141
US-09-280-805-268/c
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Patent No. 6184212
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                                                                                    Sequence 268, Application US/09280805
Patent No. 6184212
                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
         GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Grahlam, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/0
FILING DATE: March 26, 1
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION: TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: h
                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                              Local
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Nucleic Acid
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                                                                                                                                                                                                                                                                                                                                           Linear
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95.0%;
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EXPRESSION
271
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US/09/280,805
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Pred. No. 1.8e+02
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0; Mismatches 1;
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STREET: 66 Eas CITY: Marlton

ADDRESSEE:

E: Law Offices of Jane Massey Licata 66 East Main Street

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; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-268
                                                                                                                                                                                                         FILE REFERENCE: 07265/157001

CURRENT APPLICATION NUMBER: US/09/286,959B

CURRENT FILING DATE: 1999-04-06

PRIOR APPLICATION NUMBER: 60/080,783

PRIOR FILING DATE: 1998-04-06

NUMBER OF SEQ ID NOS: 24

SOPTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 12

LENGTH: 20
                                      Query Match
Best Local Similarity
Matches 19; Conserve
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                                                                                                                           ; OTHER INFORMATION: Primer US-09-286-959B-12
                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Johns Hopkins University
APPLICANT: Greider, Carol W.
APPLICANT: Le, Siyuan
TITLE OF INVENTION: TELOMERASE-ASSOCIATED PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 1.9%;
Best Local Similarity 95.0%;
Matches 19; Conservative
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NFORMATION FOR SEQ ID NO:
                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/0
FILING DATE: March 26, 1
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Masse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                868 GGATTACAGGCGTGAGCCAC 887
730 GTAGCTGGGACTACAGGCGC 749
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                                                        Conservative
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                                                 0;
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                                                                     Score 18.4; DB 1;
Pred. No. 1.8e+02;
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Pred. No. 1.8e+02
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                                                                                   DB 1;
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                                                                                     Length 20;
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RESULT 145
US-09-488-856A-71/c
; Sequence 71, Application US/09488856A
; Patent No. 6316259
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SEQ ID NO 73
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 143
US-09-467-642-68/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 89
SEQ ID NO 68
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 68, Application US/09467642
Patent No. 6300132
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANTINE RATISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
FILE REFERENCE: RTS-0106
CURRENT APPLICATION NUMBER: US/09/467,642
CURRENT FILING DATE: 1999-12-20
                                                                                                                   GENERAL INFORMATION:
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Best Local Similarity
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                                                       APPLICANT: Brett r.
APPLICANT: Robert McKay
APPLICANT: Madeline M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/467,642
CURRENT FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Brett P. Monia APPLICANT: Lex M. Cowsert TITLE OF INVENTION: ANTIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE:
              TITLE OF INVENTION:
FILE REFERENCE:
                                                APPLICANT:
CURRENT APPLICATION NUMBER: US/09/488,856A
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                                                                                                                                                                                                                                                                 863 TGCTGGGATTACAGGCGTGA 882
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                                                Jacqueline Wyatt
                                                                Madeline M. Butler
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ilarity 95.0%;
Conservative
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                                                                                                   Brett P. Monia
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                ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRTS-0115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
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Pred. No. 1.
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Pred. No. 1.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-488-856A-73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/488,856A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 73
LENGTH: 20
TYPE: """
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT FILING
NUMBER OF SEQ I
SEQ ID NO 71
                                                               US-09-662-250A-76
                                                                                                                                                                                                                                                                                                                               US-09-662-250A-76
Query Match
Best Local S
Matches 19
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Patent No. 6310-
Patent INFORMATION:
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Best Local (
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Best Local Similarity
Matches 19; Conserv
                                                                                                                                       PILE REFERENCE: RTS-0129
CURRENT APPLICATION NUMBER: US/09/662,250A
CURRENT FILING DATE: 2000-09-14
NUMBER OF SEQ ID NOS: 102
SEQ ID NO 76
LENGTH: 20
                                                                                                                                                                                                                                                                                               Sequence 76, Application US/09662250A Patent No. 6368856
                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                               APPLICANT: Brett P. Moni
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTI-
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20
                                                                                                                        TYPE: DNA
                                                                            OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                          ORGANISM: Artificial Sequence
                                                                                              FEATURE:
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Local Similarity 95.0%;
hes 19; Conservative
y Match 1.9%; Score 18.4; DB 1; Local Similarity 95.0%; Pred. No. 1.8e+02; hes 19; Conservative 0; Mismatches 1;
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Madeline M. Butler
Jacqueline Wyatt
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                                                                                                                                                                                                                                                                    Brett P. Monia
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Pred. No. 1.8e+02;
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Pred. No. 1.8e+02;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-44
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US-09-607-529-3/c
US-09-657-346A-24/c
              RESULT 150
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 44
LENGTH: 20
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GENERAL INFORMATION:
APPLICATOR

                                                                                                                                                                                                    SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity
Matches 19; Conserv
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Best Local 9
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APPLICANT:
APPLICANT:
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APPLICANT: Andrew T. Watt
TITLE OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
FILE REFERENCE: RTS-0216
FILE REFERENCE: RTS-0216
                                                                                                                                                                                                                                                                                FILE REFERENCE: STAN-126
CURRENT APPLICATION NUMBER: US/09/607,529
CURRENT FILING DATE: 2000-06-29
PRIOR APPLICATION NUMBER: 60/141,421
PRIOR FILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR TITLE OF INVENTION: SUBSETS FILE REFERENCE: STAN-126
                                                                                                                                                                                                                                                                     SOFTWARE:
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                                                                                                                                       Local
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David Traver
Koichi Akashi
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Pred. No. 1.8e+02;
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Sequence 24, Application US/09657346A
Patent No. 6503754
GENERAL INFORMATION:

APPLICANT: Hong Zhang

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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-759-87
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-33
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SEQ ID NO 24
LENGTH: 20
                                                                                            SEQ ID NO 87
LENGTH: 20
                                                                                                                                                                                                                                                                Sequence 87, Application US/09920759 Patent No. 6537811
GENERAL INFORMATION:
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Best Local Similarity
Matches 19; Conserv
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LENGTH: 20
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APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
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                                                                                                                                APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
FILE REFERENCE: RTS-0267
FILE REFERENCE: RTS-0267
CURRENT FILLING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST TITLE OF INVENTION: EXPRESSION FILE REFERENCE: RTS-0135
CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 174
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TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
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CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
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TYPE: DNA
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ORGANISM: Artificial Sequence
FEATURE:
                                                                             TYPE: DNA
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                                                       ORGANISM: Artificial Sequence
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Pred. No. 1.
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Pred. No. 1.8e+02;
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1.8e+02;
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US-09-060-299-257/c
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Best Local Similarity
Matches 19; Conserv
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Best Local Similarity
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APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                       NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 629
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                       TYPE: nucleic acid
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                                                                                                                                            STRANDEDNESS:
TOPOLOGY: 11
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                              391 AGTGCTGGGATTACAGGCGT 410
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1100 No. 6545137th Glebe Road, Eighth Floor
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Pred. No. 1.8e
0; Mismatches
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                                                                            Score 18.4; DB 1;
Pred. No. 1.8e+02;
                                                               Mismatches
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.8e+02;
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US-09-060-299-296
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                                                                                                                                                                      RESULT 155
US-09-402-923A-257/c
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                                                                                                                  Sequence 257, Applicat Patent No. 6555654
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                           Query Match
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/048,740 FILING DATE: 05-JUN-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO) CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Metzker, Mi
TITLE OF INVENTION: NO
NUMBER OF SEQUENCES: 4.
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 62
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 36,663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                             Local
                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE:
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                                                                                                   APPLICANT:
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l Similarity 95.0%;
19; Conservative (
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: Virginia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Nixon and Vanderhye
1100 No. 6545137th Glebe Road, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/09060299
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Hess, John W
Caskey, Charles T
                                                                                                                                                    Application US/09402923A
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Merriman, Tony R
Metzker, Michael L
VENTION: No. 6545137el Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gerhold, David
Hammond, Holly
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                                                                                                                                                                                                                                                                                                                                                                                              linear
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                                                             Todd, John A
Hess, John W
Caskey, Charles T
              Gerhold, David
Hammond, Holly
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Patricia
                                                Roger D
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Pred. No. 1.8e
0; Mismatches
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US-09-402-923A-296
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                                                                                                                                                                                                                                                                                            Sequence 296, App.
                                                                                                                                                                                                                                                                               Patent No. 6555654
GENERAL INFORMATION:
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Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 257: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 621
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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TITLE OF INVENTION: No. 6555654el LDL-Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 455
                                                                                      Kawaguchi, Yoshihik
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 655565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE DESCRIPTION: SEQ ID NO: 257:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .
                                                    CORRESPONDENCE ADDRESS
                                                                      NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                                                       391 AGTGCTGGGATTACAGGCGT 410
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Similarity 95.0%;
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STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: US
ZIP: VA 22201-4714
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STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX:
                   ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20 base pairs
                                                                      OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                  Application US/09402923A
                                                                                                                                                      Gerhold, David
Hammond, Holly
Hey, Patricia
                                                                                                                                                                                                                                           Todd, John A
Hess, John W
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                                                                                                                                                                                                          Caskey, Charles
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                                                                                          6555654el LDL-Receptor
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Pred. No. 1.8e+02;
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                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-09-679-299A-76
                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 76
LENGTH: 20
                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 76, Application US/09679299A Patent No. 6566135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
FILE REFERENCE: RTS-0187
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Vickie L. Brown-Driver APPLICANT: Hong Zhang
                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 296:
SEQUENCE CHARACTERISTICS:
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APPLICATION UNMER: U$/09/402,923A

FILING DATE: 14-Feb-2001

PRIOR APPLICATION DATA:

APPLICATION UNMER: PCT/GB98/01102

FILING DATE: 15-APR-1998

APPLICATION UNMER: U$ 60/043,553

FILING DATE: 15-APR-1997

APPLICATION UNMER: U$ 60/048,740

FILING DATE: 05-JUN-1997

APPLICATION UNMER: U$ 60/048,740

FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: B.J. Sadoff
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEPAX: (703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE DESCRIPTION: SEQ ID NO: 296:
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MEDIUM TYPE: Floppy disk
                                     545
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
                                     AGCCTCCCAAGTAGCTGGGA 564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Virginia COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH: 20 base pairs
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                                                                            Conservative
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                                                                        Score 18.4; DB 1;
Pred. No. 1.8e+02;
0; Mismatches 1;
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Pred. No. 1.
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FILE REFERENCE: STAN126CIP
CURRENT APPLICATION NUMBER: US/09/956,279
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 09/607,529
PRIOR APPLICATION NUMBER: 09/607,529
PRIOR FILING DATE: 2000-06-29
PRIOR APPLICATION NUMBER: 60/141,421
PRIOR FILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 6
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US-08-133-629-3/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo sapiens US-09-956-279-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-956-279-3/c
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LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/08133629
Patent No. 5597694
GENERAL INFORMATION:
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Best Local :
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                                                                                                                                                COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/133,629
FILING DATE: 07-OCT-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Greer, Helen
REGISTRATION NUMBER: 36,816
REFERENCE/DOCKET NUMBER: M0828/7001
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                         TELEFAX: 617-720-2441
TELEX: 92-1742 EZEKII
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL TITLE OF INVENTION: SUBSETS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Traver, APPLICANT: Akashi,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Weissman,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Munroe, David E.
APPLICANT: Housman, David E.
APPLICANT: HOUSMAN, DAVID E.
APPLICANT: AMPLIFICATION OF NUCLEIC ACIDS
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                         SEQUENCE CHARACTERISTICS:
                                                                                             TELEPHONE: 617-720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Massachusetts
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity 95.0
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ZIP: 0221
  STRANDEDNESS:
                                    ENGTH:
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              nucleic acid
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                                                                                                                                    617-720-3500
single
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EZEKIEL
YO. 3:
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David Jeffrey
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Pred. No. 1.
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US-08-632-575B-31/c
                                                                                                                                                                                                 RESULT 161
US-09-199-542B-31/c
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US-08-632-575B-31
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MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compatible PC
OPERATING SYSTEM: DOS, version 6.0
SOFTWARE: WordPerfect 5.1 (DOS text forma
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/632,575B
FILING DATE: 04/15/96
                                                                                                                                                                     Sequence 31, Application US/09199542B Patent No. 6479235
                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local (
                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                            APPLICANT: Schumm, James W.
APPLICANT: Sprecher, Cynthia J.
TITLE OF INVENTION: Multiplex Amplification of Short Tandem Repeat Loci
FILE REFERENCE: 16026/9212
CURRENT APPLICATION NUMBER: US/09/199,542B
CURRENT FILING DATE: 1998-11-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08
FILING DATE: 09/30/94
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                             PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1994-0
                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: Si
TOPOLOGY: Linear
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Schumm, James W. TITLE OF INVENTION: Multipl TITLE OF INVENTION: Short T
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 53711-5399
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                493 ATCACAGCTCACTGCAGCCT 512
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19; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Promega Corporation
2800 Woods Hollow Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                U.S.A.
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                                                                                                                                                                                                                                                                                                                              1.9%; ilarity 95.0%; Conservative
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                             : 1998-11-25
JMBER: US 08/316,544
1994-09-30
MBER: US 08/632,575
1996-04-15
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95.0%;
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Pred. No. 1.9e
0; Mismatches
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Pred. No. 2.
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LENGTH: 23
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                                                      Query Match
Best Local Similarity
Matches 17; Conserv
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Best Local Similarity 95.0%;
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                                                                                                                                                                                           TELEFAX: (512) 474-757
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/070,517
FILING DATE: 19930601
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                     NAME: Barbara S. Kitchell
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UTS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 320-7200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Texa
COUNTRY: US
ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                            LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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                           868 GGATTACAGGCGTGAGCCA 886
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Texas
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GGATTACAGGYRTGAGCCA 19
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                                                                                                                                                                                                                           (512) 474-7577
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                                                         Conservative
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                                                                                                                                  linear
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                                                                       1.8%;
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Specific Human
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                                                         2; Mismatches
                                                                       Score 18.2; DB 1;
Pred. No. 1.8e+02;
                                                                                                                                                                                                                                                                         UTSC:290/KIT
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Pred. No. 2.2e+02
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RESULT 163 US-08-070-517-2/c ; Sequence 2, Application US/08070517

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NAME: Barbara S. Kitchell
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UTSC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 320-7200
. TELEPAX: (512) 320-727
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/08118441 Patent No. 5578493
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local (
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              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII-DOS
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy
                                                                                                  COMPUTER READABLE FORM:
                                                                                                                                                                                                          NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                               TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S DISEASE TITLE OF INVENTION: GENE
                                                                                                                                                                                                                                                                                                  APPLICANT: Gilliam, T. Conra
APPLICANT: Tanzi, Rudolph E
                                                                                                                                                       STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 199306 CLASSIFICATION: 439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Houston
STATE: Texas
                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Arnold, Wh: STREET: P.O. Box 4433
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al Similarity 89.5%;
17; Conservative
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                                                                                                                          10112
                                                                                                                                       United States of America
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                                                                                                                                                                                                                                                                                                                      T. Conrad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 White & Durkee
US/08/118,441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US/08/070,517
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .8e+02;
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US-08-118-441-2/c
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TELEPHONE: (212) 664-0525
TELEX: 422523 COOP UI
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
TYPE: nucleic single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-118-441-1
                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/118 44.
FILING DATE:
CLASSIPTIN:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/08118441 Patent No. 5578493
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 1.8%; Score 18.2; DB 1
Best Local Similarity 89.5%; Pred. No. 1.8e+02
Matches 17; Conservative 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Gilliam, T. Conrad
APPLICANT: Tanzi, Rudolph E.
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S DISEASE
TITLE OF INVENTION: GENE
                                                                                                                  TELLEPHONE: (212) 977-955
TELLEFAX: (212) 664-0525
TELLEX: 42252 COOP UI
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                               CLASSIFICATION: 435
ATTORINY AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: 111
MOLECULE TYPE:
HYPOTHETICAL: 1
TOPOLOGY: lir
MOLECULE TYPE:
HYPOTHETICAL: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 05
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    New York
                                                                                                19 base pairs
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30 Rockefeller Plaza
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                      DNA (genomic)
                                                                                                                                                                                                                                         0575/44011
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RESULT 166
US-08-422-699A-13
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                            TELEFAX: 617-861-9540 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/422,699A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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CORRESPONDENCE ADDRESSE: Hamilton, Brook, Smith & Reynolds, P.C.
ADDRESSEE: Hamilton Brive
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APPLICANT: Johnson, Keith J
TITLE OF INVENTION: DNA SEC
TITLE OF INVENTION: DYSTRON
                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB9202485.0
                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 20-FEB-
PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
                                                                                                                         SEQUENCE CHARACTERISTICS:
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                                            MOLECULE TYPE:
                                                                                                                                                                                                             REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MIT-5830A2
                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 0: FILING DATE: 26-FEB-1993
                                                                                                                                                                                                                             REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
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                                                               TOPOLOGY:
                                                                              STRANDEDNESS:
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17; Conserv
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                                                                                            : 19 base pairs nucleic acid
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                                                                 linear
                                                                                                                                                                             617-861-6240
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20-FEB-1992
                                              DNA (genomic)
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                                                                                                                                                                                                                                           Patricia
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Pred. No. 1.8e+02;
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US-08-422-699A-14/c
                                                   US-08-422-699A-14
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Query Match
Best Local Similarity
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                                                               MOLECULE TYPE:
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                                                                                                STRANDEDNESS:
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                                                                                    ropology:
                                                                                                                              ENGTH:
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Sequence 14, Application US/08422699A
Patent No. 5955265
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                                                                                                                                                               TELEFAX: 617-861-9540 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 0
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STREET: Lexington
CITY: Lexington
TATE: Massachusetts
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER:
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                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: 617-861-6240
                                                                                                                                                                                                                                                                                                                   FILING DATE: 06-FEB-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/OF FILING DATE: 05-FEB-1993 PRIOR APPLICATION DATA: APPLICATION NUMBER: GB921
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                            NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MIT-5830A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/
FILING DATE: 19-FEB-1993
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OPERATING SYSTEM: PC-DOS/MS-DOS
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Harley, Helen G.
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20-FEB-1992
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                                                                      DNA (genomic)
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1.8%;
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2; Mismatches 0,
 Score 18.2; DB 1;
Pred. No. 1.8e+02;
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                   Length 19;
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US-08-422-706B-13
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     Query Match
Best Local S
Matches 17
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                                                                                                                                                                                                   TELEFAX: 617-861-9540 NO:
                                                                                                                                                                                                                                                                                                                        FILING DATE: 05-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB920
FILING DATE: 06-FEB-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 20-FEB-1992
PRIOR APPLICATION DATA:
PCT/US93/01545
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COMPUTER: IBM PC compatible.
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                              MOLECULE TYPE:
                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 617-861-6240
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PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
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MEDIUM TYPE: Floppy
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APPLICATION NUMBER: PCT/GB93/00253
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                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                        NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MIT-5830A2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Lexington
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     1 Similarity
17; Conserv
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                                                                                                                                          : 19 base pairs
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       Conservative
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2; Mismatches
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                        Score 18.2; DB 1;
Pred. No. 1.8e+02;
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                                        DB 1;
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                                      Length 19;
       Indels
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       Gaps
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                                                                                          ; TOPOLOGY: 11; MOLECULE TYPE: US-08-422-706B-14
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US-08-422-706B-14/c
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                    Query Match 1.8%; Score 18.2; DB 1;
Best Local Similarity 89.5%; Pred. No. 1.8e+02;
Matches 17; Conservative 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 14, Application US/08422706B Patent No. 5977333
                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US93/01545
FILING DATE: 19-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB93/00253
FILING DATE: 05-FEB-1993
PRIOR APPLICATION NUMBER: GB9202485.0
APPLICATION NUMBER: GB9202485.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                    TELEFAX: 617-861-9540 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PILING DATE: 08-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
PILING DATE: 26-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
FILING DATE: 20-FEB-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/422,706B
FILING DATE: 14-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02713
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                          FILING DATE: 06-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MIT-5830A2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Shaw, Duncan J.
APPLICANT: Harley, Helen G.
APPLICANT: Johnson, Keith G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Lexington
                                                                                                                                              STRANDEDNESS:
                                                                                                                                                             LENGTH: 19 base pairs
                                                                                                                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
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Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Johnson, Keith J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Brook, J. David
                                                                                                                               linear
                                                                                                                                                                                                                                                       617-861-6240
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                                                                                                         DNA (genomic)
                                                                                                                                              single
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                                                       DB 1;
                                                         Length 19;
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US-08-338-579A-1
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Best Local Similarity
Matches 17; Conserva
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US-08-338-579A-2/c
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Patent No. 6068975
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OPERATING SYSTEM: PC-DDS/MS-DOS
SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,57;
FILING DATE: June 17, 1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: LUUJU COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
TYPE: Floppy disk
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APPLICANT: Tanzi, Rudolph E.
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ISOLATION AND TITLE OF INVENTION: DISEASE GENE
                                                 NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                APPLICANT: Gilliam, T. Conrad
APPLICANT: Tanzi, Rudolph B.
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
TITLE OF INVENTION: DISEASE GENE
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                 STREET:
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                                ADDRESSEE:
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New York
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                 1185 Avenue of the Americas
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                                 Cooper & Dunham
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Pred. No. 1.8e+02;
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; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: DNA primer
US-09-078-294-1
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                                             RESULT 173
PCT-US94-09851-1
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US-09-078-294-1
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Sequence 1, Applicati
GENERAL INFORMATION:
APPLICANT: Gillia
                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Du Sart, Desiree
APPLICANT: Cancilla, Michael R.
TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
FILE REFERENCE: Davies Col
CURRENT APPLICATION NUMBER: US/09/078,294
CURRENT FILING DATE: 1998-05-13
NUMBER OF SEQ ID NOS: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/09078294 Patent No. 6265211
                                                                                                                                                                                            Best
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                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: United State
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/
FILING DATE: June 17, 1996
CLASSIFICATION: 435
                                                                                                                                                                                        Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                      868 GGATTACAGGCGTGAGCCA 886
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17; Conserv
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Similarity 89.5%;
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                                 Application PC/TUS9409851
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                                                                                                                                                                             Conservative
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; Pred. No. 1.8e
2; Mismatches
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Pred. No. 1.
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APPLICANT:

Gilliam, T. Conrad Tanzi, Rudolph E.

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; HYPOTHETICAL:
PCT-US94-09851-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 174
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application PC/TUS9409851
GENERAL INFORMATION:
APPLICANT: Gilliam, T. Conrad
APPLICANT: Tanzi, Rudolph E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 05
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELEFAX: (212) 664-0525
TELEFA: 422523 COOP UI
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
STREET: 30 Rockefeller Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: IS:
TITLE OF INVENTION: DI:
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ATTORNEY/AGENT INFORMATION: NAME: White, John P.
                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S TITLE OF INVENTION: DISEASE GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                  CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 30 Rockefeller Plaza CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                     CLASSIFICATION:
                                                     FILING DATE:
                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US94/09851 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               868 GGATTACAGGCGTGAGCCA 886
                                                                                                                                                                                                            10112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GGATTACAGGYRTGAGCCA 19
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                                                                                                                                                                                                                                                    New York
                                                                                                                                                                                                                              United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ISOLATION AND USES OF A WILSON'S DISEASE GENE
                                                                           PCT/US94/09851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 28,678
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 18.2; DB 1;
Pred. No. 1.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1; Length 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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                                                                                                                                                                                                                                                              US-08-859-167-7
                                                                                                                                                                                                                                                                            RESULT 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence:Synthetic US-09-156-253-30
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REFERENCE/DOCKET NUMBER: 0575
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELEPAX: (212) 664-0525
TELEEX: 42523 CODE UI
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 30
LENGTH: 18
                                                                                                                                                                                                                        Sequence 7, Application US/08859167 Patent No. 6037461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 1.8%;
Best Local Similarity 89.5%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Monia, Brett P.
APPLICANT: Baker, Brenda F.
APPLICANT: Baker, Brenda F.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: Antisense Modulation of CREL Expression FILE REFERENCE: RTS-0010
CURRENT APPLICATION NUMBER: US/09/156,253C
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 48
COUNTAINE: BECOLIT VET 20
                                                                                                      APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandez-Alnemri, T
TITLE OF INVENTION: FADD-LIKE A
TITLE OF INVENTION: USING THE S
TITLE OF INVENTION: Of MAKING 1
                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                             NUMBER OF SEQUENCES: 1: CORRESPONDENCE ADDRESS:
                                              ADDRESSEE:
STREET: Or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                      388 CAAAGTGCTGGGATTACA 405
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                   T: One Liberty Place, 46th floor
Philadelphia
                                                                                                                                                                                                                                                                                                                                   CAAAGTGCTGGGATTACA 1
                PΑ
USA
                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                   z-Alnemri, Teresa
FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
USING THE SAME, AND COMPOSITIONS FOR AND METHODS
Of MAKING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                      1.8%;
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Pred. No. 1.
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1.7e+02;
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ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy

Floppy disk

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: DOLUCA, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 1.8%; Score 18; DB 1; L
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 9, Application Patent No. 6037461
GENERAL INFORMATION:
                                                                      CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPHONE: (215) 568-3439
                                                                                                                                                                                                                                                                            ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: WIMPOWS

SOFTWARE: WordPerfect

CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:
                                                            INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC Compatible OPERATING SYSTEM: WINDOWS SOFTWARE: WordDerfect CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Pernandez-Alnemzi, Teresa
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, M
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR
TITLE OF INVENTION: OF MAKING THE SAME
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/859,167
FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           UMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6037461ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       208 AGGCTGGTCTCGAACTCC 225
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RESULT 178
US-09-109-273-7
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                                                                                                                    US-09-109-273-7
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Patent No. 60637
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 1.8%; Score 18; DB, Best Local Similarity 100.0%; Pred. No. 1.7 Matches 18; Conservative 0; Mismatches
                                                           Matches
                                                                          Best Local
                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760ris
STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Alnemri, APPLICANT: Fernande:
                                                                                                                                                                                                                                                           NAME: DeLuca, Mark
REGIEVE 33,229
REFERENCE/DOCKET NUMBER: TJ
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: One Liberty CITY: Philadelphia
                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                   LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: WINDOWS
                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           851 GGCCTCCCAAAGTGCTGG 868
                              208 AGGCTGGTCTCGAACTCC 225
                                                           18;
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                                                                          Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Fernandez-Alnemri,
                                                                                                                                                                                                                                                (215)
                                                          Conservative
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                                                                                                                                                       linear
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                                                                                                                                         DNA
                                                                                                                                                                 single
                                                                                                                                                                                                                                 568-3439
ID NO: 7:
                                                        1.00.0%; Pr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      :z-Alnemri, Teresa
FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF USING THE SAME, AND COMPOSITIONS FOR AND METHOD OF MAKING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Emad S.
                                                           1.8%; Score 18; DB
100.0%; Pred. No. 1.
ive 0; Mismatches
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                                                                                           DB 1;
                                                                             1.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 18;
                                                                                          Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                              Indels
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; Sequence 9, Application US/09109273; Patent No. 6063760

RESULT 179 US-09-109-273-9

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Sequence 7, Application US/09276993
Patent No. 6207801
GENERAL INFORMATION:
APPLICANT: Alnemti, Emad S.
APPLICANT: Fernandez-Alnemti, Ter
TITLE OF INVENTION: FADD-LIKE ANT
TITLE OF INVENTION: Of MAKING THE
TITLE OF INVENTION: Of MAKING THE
                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 180
US-09-276-993-7
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ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
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ZIP: 1910-
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: WINDOWS
                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6207801ris
STREET: One Liberty Place, 46th floor
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PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
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TITLE OF INVENTION: FADD-LIKE AND-POPTOTIC MOLECULES, METHODS OF
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
TITLE OF INVENTION: OF MAKING THE SAME
NUMBER OF SEQUENCES: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
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                                                                                                                                STREET: One ____CITY: Philadelphia
                                                                                       COUNTRY: U
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible OPERATING SYSTEM: WINDOWS
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100.0%; Pred. No. 1.7e+02;
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ANTI-APOPTOTIC MOLECULES, METHODS OF
SAME, AND COMPOSITIONS FOR AND METHODS
THE SAME
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US-09-276-993-9
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                        APPLICATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: DELUCA, Mark
NAME: DELUCA, MARK
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
(215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9, Application US/09276993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Alnemr
            TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                 FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
                                                                                                                                                                                                                                   SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/276,993
                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy (
COMPUTER: IBM PC com
                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEB: Woodcock, Washburn, Kurtz, Mackiewicz & No. STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: TJU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US
ZIP: 19103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE
                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: WINDOWS
                                                                                                                                                                                                                                                                                                                                                                                                             CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: single TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                            STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           208 AGGCTGGTCTCGAACTCC 225
                                                                                                                                                                                                                                                                                                                                                                                                            Philadelphia
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                                                                                                                                                                                                                                                                                                                                                                          USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Emad S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.8%;
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Pred. No.
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Best Local (
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Best Local
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APPLICANT: Alnemri, Emad S.
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Patent No. 657675
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                            SOFTWARE: PatentIn version 3.0 SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION: APPLICANT: Alnemri,
                                                                                                                                                                                                                                                                                                                                                                     Sequence 9, Appl
Patent No. 65767
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/723,450
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 09/276,993
PRIOR FILING DATE: 1999-03-26
PRIOR APPLICATION NUMBER: 08/859,167
PRIOR FILING DATE: 1997-05-20
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                                                                                                                                                                      FILE REFERENCE: TJU2445
CURRENT APPLICATION NUMBER: US/09/723,450
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 09/276,993
PRIOR FILING DATE: 1999-03-26
PRIOR APPLICATION NUMBER: 08/859,167
PRIOR APPLICATION NUMBER: 08/859,167
                                                                                                                                 PRIOR FILING DATE: 1997-
NUMBER OF SEQ ID NOS: 17
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                                                                                                                                                                                                                                                                                       ITILE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same,
ITILE OF INVENTION: Compositions For And Methods Of Making The Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: No.
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                                                         LENGTH: 18
                                  ORGANISM: Artificial Sequence
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AME/KEY: misc_feature
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TOPOLOGY: lir
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EDNESS: single
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                                                                                                                                                     1997-05-20
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100.0%; Pred. No. 1.7e+02;
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Best Local Similarity
Matches 18; Conserv
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APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
                                                     Query Match
Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 123
SEQ ID NO 80
LENGTH: 20
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APPLICANT: Lex M. Cowsert
APPLICANT: Kenneth W. Do
                                                                                                                                                                                                                                                                                                                                              Sequence 80, Appli
Patent No. 6743909
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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SEQ ID NO 64
LENGTH: 20
TYPE: DNA
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CURRENT APPLICATION NUMBER: US/09/467,642
CURRENT FILING DATE: 1999-12-20
                                                                                                                                                                                                                                     APPLICANT: Kenneth W. Dobie TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN12 EXPRESSION FILE REFERENCE: PTS-0016 CURRENT APPLICATION NUMBER: US/10/172,911 CURRENT FILING DATE: 2002-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                851 GGCCTCCCAAAGTGCTGG 868
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    647 GGCTGGAGTGCAGTGGCG 664
                            643 CCCAGGCTGGAGTGCAGT 660
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    18;
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ω
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                                                                                                                                                                                                                                                                                                                                                             Application US/10172911
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                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ON: ANTISENSE MODULATION RTS-0106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.8%;
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                                                        1.8%; Score 18;
100.0%; Pred. No.
tive 0; Mismatc
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 18; DB 1; Pred. No. 2e+02;
                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                         DB 1;
2e+02;
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                                                                                      Length '20;
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                                                           Indels
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                                                           Gaps
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RESULT 186 US-09-009-913-61/c

; Sequence 61,

Application US/09009913

Patent No. 6087485

GENERAL INFORMATION:

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; OTHER INFORMATION: Description of Artificial Sequence: Probe US-09-357-740-7
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                                                                                      CURRENT APPLICATION NUMBER: US/09/357,740
CURRENT FILING DATE: 1999-07-20
EARLIER APPLICATION NUMBER: 09/012,525
EARLIER FILING DATE: 1998-01-23
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
LENGTH: 21
                                                                                                                                                                                                                                          GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Lee, Linda G.
APPLICANT: Graham, Ronald J.
APPLICANT: Mullah, Khairuzzaman B.
APPLICANT: Haxo, Francis T.
TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS
FILE REFERENCE: 9584-007
                                                                                                                                                                                                                                                                                                                                                                            Sequence 7, Application US/09357740 Patent No. 6348596
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKST NUMBER: SEK
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Axys Ph
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOPTWARE: PastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 285 Hami
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
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N: Asthma Related Genes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 18; DB 1;
Pred. No. 2.1e+02;
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                                                                                         US-09-918-686-93
                                                                                                             RESULT 189
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                                                                                                                                                                                                                                                                                                        US-09-097-199-87
Sequence 93, Application US/09918686
Patent No. 6475739
GENERAL INFORMATION:
APPLICANT: Brunkow, Mary
APPLICANT: Proll, Sean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 87,
Patent No. 6
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Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                  Best Local Similarity 100.0%; Matches 18; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOSTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/097,199
ETIING DATE:
TILING DATE:
                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Nakashima, Richard A.
REGISTRATION NUMBER: P-42,023
REFERENCE/DOCKET NUMBER: UROC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIPICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 31-UL-1996
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: O'Hara, S. Mark
APPLICANT: Ralph, David
APPLICANT: Veltri, Robert
TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,
TITLE OF INVENTION: PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: An, Gang
APPLICANT: O'Hara,
APPLICANT: Ralph, D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
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ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
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100.0%; Pred. No.
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                                                                                                                                                                                                                                    Mismatches
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                                                                                                                                                                                                                                                    DB 1; Lo. 2.2e+02;
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                                                                                                                                                                                                                                                                     Length 22;
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Paeper, Bryan

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US-08-203-198-26/c
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                                                                                                                                ; MOLECULE TYPE: DNA (genomic) US-08-203-198-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Fa
SEQ ID NO 93
LENGTH: 22
                                                                                                                                                                                                                                                      FILING UALL.

CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry Ph.D., Douglas A.
REGISTRATION NUMBER: 35,321
REGISTRATION NUMBER: 8894
TELECOMMUNICATION INFORMATION:
TOTAL COMMUNICATION INFORMATION:

(510) 814-2977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 26, Application US/08203198 Patent No. 5512462
                                                                                                                                                                         TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 26
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                Query Match
Best Local 9
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                                                                 Matches
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CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Staehling-Hampton, Karen TITLE OF INVENTION: METHODS FOR IDENTIFYING TITLE OF INVENTION: GENOMIC DELETIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION: APPLICANT: Cheng,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compactible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/203,198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                               TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U
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                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
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                         CCTGAGTAGCTGGGACTACAG 745
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340 Kingsland Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Cheng, Suzanne
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                                                               1.8%;
ilarity 90.5%;
Conservative (
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100.0%; Pro
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Chain Reaction Amplification of Long DN
                                                                                                                                                                                                                                                26:
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Pred. No.
                                                                 0
                                                                                Score 17.8;
Pred. No. 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.2e+02;
hes 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 1;
                                                                                                 DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 22;
                                                                                                 Length 21;
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                                                                    Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0
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                                                                    Gaps
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RESULT 191
US-08-632-575B-21/c
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                                                , OTHER INFORMATION: Description of Artificial Sequence:PRIMER SEQUENCE US-08-933-358-15
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US-08-632-575B-21
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Patent No. 5843660
GENERAL INFORMATION:
APPLICANT: Schumm, James W.
                                                                                                                                               NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                               Sequence 15, Appli
Patent No. 6013444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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Query Match
Best Local Similarity
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APPLICATION NUMBER: 08
FILING DATE: 09/30/94
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                             TITLE OF INVENTION: DNA BRACKETING LOCUS COMPATIBLE STANDARDS FOR TITLE OF INVENTION: ELECTROPHORESIS FILE REFERENCE: 434001aa
                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/08/933,358
CURRENT FILING DATE: 1997-09-18
                                                                                                                                                                                                                                                                             APPLICANT: Dau, Peter C.
APPLICANT: Liu, Debang
                                                                                 LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    POSITION IN GENOME:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: DOS ....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: UPPLING DATE: 04/15/96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U.S.A. ZIP: 53711-5399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 2800 F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
mes 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: Single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                Application US/08933358
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2800 Woods Hollow Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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Pred. No. 2.2e+02
 Score 17.8; DB 1;
Pred. No. 2.2e+02;
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US-08-847-844A-116/c
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                                                                                                                                                                          Sequence 1 Patent No.
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Patent No.
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE TITLE OF INVENTION: MAMMALIAN RETROTRANSPOSONS NUMBER OF SEQUENCES: 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mulligan, John T.
APPLICANT: Schellenberg, Gerald D.
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
TITLE OF INVENTION: WERNER'S SYNDROME
NUMBER OF SEQUENCES: 209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: No. 6090620tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 240052.419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
                                                                             APPLICANT:
                                                                                             APPLICANT: BOEKE, JEF D
APPLICANT: MORAN, JOHN
  CORRESPONDENCE ADDRESS:
                                                                                                                                 APPLICANT: KAZAZIAN JR., HAIG H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/781,891 FILING DATE: 27-DEC-1996 CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Seattle
STATE: Washing
                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                      482 GCAGTGGTGTGATCACAGCTC 502
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                                                                                                                                                                            116, Application US/08847844A
5. 6150160
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6300 Columbia Center, 701 Fifth Avenue
                                                                         DOMBROSKI, BETH A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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Oshima, Junko
                                                                                                                                                                                                                                                                                                                                                                      1.8%; Score 17.8; DB 1; Length 21; llarity 90.5%; Pred. No. 2.2e+02; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TOPOLOGY: 1i; MOLECULE TYPE: US-08-847-844A-116
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 67, Application US/08649950 Patent No. 6403303
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1.8%; Score 17.8;
Best Local Similarity 90.5%; Pred. No. 2.
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CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/749,805
FILING DATE: 16-NOV-1996
PRIOR APPLICATION NUMBER: US 60/006,831
APPLICATION NUMBER: US 60/006,831
FILING DATE: 16-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9596-23U2
                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 215-567-2991
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                  COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: WORD PERFECT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/649,950
FILING DATE:
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,844A
                                                                                                                                   COMPUTER READABLE FORM: mEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                          APPLICANT: Dunn, James M.
TITLE OF INVENTION: METHO
TITLE OF INVENTION: MUTAT
NUMBER OF SEQUENCES: 77
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Shipman, Robert APPLICANT: Leushner, James APPLICANT: Dunn, James M.
                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                                                                                                                                                                          COUNTRY: U
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STRANDEDNESS: double
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                                                                                                                                                                                                                                                   ADDRESSEE: Oppedahl & Larson STREET: 1992 Commerce Street Suite 309
CLASSIFICATION:
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                                                                                                         IBM compatible
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APPLICANT: Proll, Sean
APPLICANT: Pacper, Bryan
APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.515
CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSEQ for Windows Version 4.0
US-09-199-542B-21/c
US-09-199-542B-21/c
; Sequence 21, Application US/09199542B
; Patent No. 6479235
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                                                                                                                                                                                                                                 ; OTHER INFORMATION: PCR primer US-09-918-686-87
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Best Local (
                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                   SEQ ID NO 87
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 6475739
GENERAL INFORMATION:
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                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                    829 GACCTTGTGATCTGCCTGCCT 849
                                                                                                 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          l Similarity
19; Conserv
                                                                                                                                                                  19;
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                                                                                                   GACCTIGIGATCCGCCCGCCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (914) 962-4330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.8%; Score 17.8; DB 1; ilarity 90.5%; Pred. No. 2.2e+02; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 no
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  double
                                                                                                                                                                                1.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amplification primer for BRCA1 gene
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                                                                                                                                                                                  Score 17.8;
Pred. No. 2.
                                                                                                                                                                  Mismatches
                                                                                                                                                                                  .2e+02;
                                                                                                                                                                                                 DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 21;
                                                                                                                                                                                                 Length 21;
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                                                                                                                                                                    0;
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US-09-618-166-7/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: W
SEQ ID NO 21
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7, Application US/09618166
Patent No. 6583112
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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CURRENT APPLICATION NUMBER: US/09/199,542B
CURRENT FILING DATE: 1998-11-25
PRIOR APPLICATION NUMBER: US 08/316,544
PRIOR FILING DATE: 1994-09-30
PRIOR APPLICATION NUMBER: US 08/632,575
PRIOR APPLICATION NUMBER: US 08/632,575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 1996-04-15
NUMBER OF SEQ ID NOS: 110
SOFTWARE: Word97 (converted to DOS text format)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Sprecher, Cynthia J.
TITLE OF INVENTION: Multiplex Amplification of Short Tandem Repeat Loci
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapien LOCATION: D14S548
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          / Match 1.8%;
Local Similarity 90.5%;
                                                                                                                                                                                                                                 COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PSTENETH Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/618,166
FILING DATE: 17-Jul-2000
CLASSIFICATION: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                                        NAME: MCMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 240052.419C1
TELECOMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Schellenberg, Gerald D.
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
WERNER'S SYNDROME
                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            928 AATCTCACTCTGTTACCCAGG 948
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    21 AGTCTCACTCTGTTGCCCAGG 1
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: Washington COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 701 Fifth Avenue, Suite
                                                                                                          TELEFAX: (206) 682-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Schumm, James W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Seed Intellectual Property Law Group
STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mulligan, John T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Oshima, Junko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Yu, Chang-En
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1996-04-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ying-Hui
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0,
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Pred. No. 2
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SEQUENCE DESCRIPTION: SEQ ID NO:

linear

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                                                Sequence 38, Application US/08599252
Patent No. 5705343
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: DRAYNA,
APPLICANT: GNIRKE,
APPLICANT: GNIRKE,
APPLICANT: KIMMEL,
                                                                                                                                                                                                                                                                                                                                                                       TELEX: 90-4030
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/599,252
FILING DATE: 09-FEB-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9053-0001.;
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEPAX: (202) 887-0763
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 2006-1888

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
TITLE OF INVENTION: HEMOCHROMATOSIS
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE; MORRISON & FOERSTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: GNIRKE, ANDREAS
APPLICANT: KIMMEL, BRUCE E.
APPLICANT: THOMAS, WINSTON J.
APPLICANT: WOLFF, ROGER K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 2000 Peni
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
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                                                                                                                                                                                                                935 CTCTGTTACCCAGGCTGGAGT 955
                                                                                                                                                                                21 CTCTATTGCCCAGGCTGGAGT 1
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2000 Pennsylvania Ave. N.W., Suite 5500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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DRAYNA, DENNIS T. FEDER, JOHN N. GNIRKE, ANDREAS
                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                   1.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.8%; Score 17.8; DB 1; 90.5%; Pred. No. 2.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                      35:
                                                                                                                                                                                                                                                  ; Score 17.8; D; Pred. No. 2.3e
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                                                                                                                                                                                                                                                                       .3e+02;
                                                                                                                                                                                                                                                                                    DB 1;
                                                                                                                                                                                                                                                                                        Length 22;
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                                                                                                                                                                                                                                                      Indels
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RESULT 201
US-08-599-252-52/c
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TELEX: 90,4030
INFORMATION FOR SEQ ID NO: 3/
SEQUENCE CHARACTERISTICS: 1 FRIGHT: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local Similarity 90.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATIE H.
REGISTRATION NUMBER: 29,959
REFRENCE/DOCKET NUMBER: 905:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: KIMMEL, BR
APPLICANT: THOMAS, WI
APPLICANT: WOLFF, ROG
APPLICANT: WOLFF, ROG
TITLE OF INVENTION: P
TITLE OF INVENTION: P
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 2006-1888

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                      APPLICANT: GNIRKE, ANDREAS
APPLICANT: KIMMEL, BRUCE E.
APPLICANT: THOMAS, WINSTON J.
APPLICANT: WOLFF, ROGER K.
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
TITLE OF INVENTION: HEMOCHROMATOSIS
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEB: MORRISON & FOERSTER
ADDRESSEB: MORRISON & FOERSTER
ADDRESSEB: MORRISON & FOERSTER
                                                         COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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ADDRESSEE: MORRISON
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                                                                                                                                                        STREET: 2000 Peni
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    935 CTCTGTTACCCAGGCTGGAGT 955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       KIMMEL, BRUCE E.
THOMAS, WINSTON J.
WOLFF, ROGER K.
                                                                                                                                                                                                                                                                                                                                                                               PEDER, JOHN N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MORRISON & FOERSTER
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 17.8; DB 1;
Pred. No. 2.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9053-0001.21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                          ATTORNEY AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 0909
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
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                                                                                       TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
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LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Chenchik, Alex
APPLICANT: Jokhadze, George
APPLICANT: Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,252
FILING DATE: 09-FEB-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: UFILING DATE: 21-MAY-1CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 29,959
OLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Fish & Richardson, P.C. STREET: 2200 Sand Hill Road, Suite 100 CITY: Menlo Park
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                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                               STRANDEDNESS:
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                                                                       22 base pairs
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                 linear
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                                 single
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90.5%; Pred. No. 2.3
ative 0; Mismatches
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CURRENT APPLICATION NUMBER: US/09/146,580A

CURRENT FILING DATE: 1998-09-03

EARLIER APPLICATION NUMBER: 60/071,889

EARLIER PILING DATE: 1998-01-20

EARLIER APPLICATION NUMBER: 60/092,155

EARLIER FILING DATE: 1998-07-09

NUMBER OF SEQ ID NOS: 18

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                       US-09-225-928-25/c
                                                                                                                                                                                                                                                                                                                                                  Sequence 25, Application Patent No. 6352829
GENERAL INFORMATION:
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LENGTH: 22
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Papsidero, Lawrence D
APPLICANT: Dyster, Lyn M
APPLICANT: Frustaci, Jana M
TITLE OF INVENTION: DETECTION AND TREATMENT OF BREAST DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local
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                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                   TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL EXPRESSION
                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                   APPLICANT: Chenchik, Alex
                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
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19; Conserv
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                                                                                                                                                                                   CITY: Menlo Park
                                                                                                                              ZIP: 94025
                                                                                                                                                                 STATE: CA
                                                                                                                                                                                                 ADDRESSEE: Fish & Richardson, P.C. STREET: 2200 Sand Hill Road, Suite 100
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   APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
                                                                                                                                                COUNTRY: US
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90.5%; Pred. No. 2
05-Jan-1999
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Pred. No. 2.3e+02
0; Mismatches
                                                                                                                                                                                                                                                                                                       Robert
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EXPRESSION

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US-09-225-201B-25/c
Sequence 25, Application US/09225201B
Patent NO. 6489455
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
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                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: PCR primer US-09-918-686-88
                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Tatches 19; Conserv
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CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 1.8%;
Best Local Similarity 90.5%;
Matches 19; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Brunkow, Mary
APPLICANT: Proll, Sean
APPLICANT: Paeper, Bryan
APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.515
                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION
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REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 090
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: oligonucleotide SEQUENCE DESCRIPTION: SEQ ID NO: 25:
Jokhadze, George
Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
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N FOR SEQ ID NO: 25:
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90.5%;
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Pred. No. 2.
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Pred. No. 2.3e+02;
0; Mismatches 2;
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JAHUK AMPUKMATION: oligonucleotide primer; SEQUENCE DESCRIPTION: SEQ ID NO: 25: US-09-225-201B-25
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                        SEQ ID NO 10
LENGTH: 22
TYPE: DNA
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                                                                                                        TITLE OF INVENTION: Detection and Treatment of Breast Cancer FILE REFERENCE: 3380/11127-US3
CURRENT EPLICATION NUMBER: US/09/834,795A
CURRENT FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 09/146,580
PRIOR FILING DATE: 1998-09-03
PRIOR PILING DATE: 1998-09-03
PRIOR FILING DATE: 1998-01-20
PRIOR APPLICATION NUMBER: 60/071,899
PRIOR APPLICATION NUMBER: 60/092,155
PRIOR APPLICATION NUMBER: 60/092,155
PRIOR APPLICATION NUMBER: 60/092,155
PRIOR FILING DATE: 1998-01-20
                                                                                            SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lawrence,
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/00:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201B
FILING DATE: 05-Jan-1999
CLASSIFICATION: Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 415-322-5070
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OPERATING SYSTEM: Windows95
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STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 415-854-0875
                                                                                                                                                                                                                                                                                                                                                                                                 Lyn, Dyster
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                                                                                                                                                                                                                                                                                                                                                                              Frustaci
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Pred. No. 2
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US-09-834-795A-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Gene specific primer (24R) US-09-834-795A-14
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                                                                                                                                                                                                                                                                                                                                                                                            RESULT 209
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Best Local (
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LENGTH: 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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PRIOR APPLICATION NUMBER: 09/146,580
PRIOR FILING DATE: 1998-09-03
PRIOR APPLICATION NUMBER: 60/071,899
PRIOR FILING DATE: 1998-01-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn vei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/092,155 PRIOR FILING DATE: 1998-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/834,795A
CURRENT FILING DATE: 2001-04-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Detection and Treatment FILE REFERENCE: 3380/11127-US3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Lawrence, Papsidero
APPLICANT: Lyn, Dyster
APPLICANT: Jana, Frustaci
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ZIP: 20006-1888

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
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APPLICANT:
                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                  CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                                  COUNTRY:
                                                                                                                                  CITY: Washington
                                                                                                                                                  STREET:
                                                                                                                                                                ADDRESSEE:
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19; Conserv
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                                                                                                                                                  E: MORRISON & FOERSTER
2000 Pennsylvania Ave. N.W., Suite 5500
                                                                                                                                                                                                             GNIRKE, ANDREAS
KIMMEL, BRUCE E.
THOMAS, WINSTON J.
WOLFF, ROGER K.
WOLFF, ROGER K.
IVENTION: METHOD TO DIAGNOSE HEREDITARY
NVENTION: HEMOCHROMATOSIS
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                                                                                                                                                                                                                                                                                                            PEDER, JOHN N.
                                                                                                     USA
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Pred. No. 2.3e
0; Mismatches
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Pred. No. 2
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Best Local (
                                                                                                                                                                                                                    COUNTRY: USA.
ZIP: 2006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
PC-DOS/MS-DOS
PC-DOS/MS-DOS
PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: 90-4030
INFORMATION FOR SEQ ID NO:
                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATB: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 887-1500
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                        REFERENCE/DOCKET NUMBER: 90
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
                                                                                                                                                                                                            OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: MURASHIGE, KATE REGISTRATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 09-FEB-1996
TELEPHONE: (202) 887-0763
                                                                                                                                                                 FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                    STREET:
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                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                  CITY: Washington
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nucleic acid
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2000 Pennsylvania Ave. N.W., Suite 5500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEDER, JOHN N.
GNIRKE, ANDREAS
KIMMEL, BRUCE E.
                                                                                                                                                                                                                                                                                                                                                                                                                                THOMAS, WINSTON J.
WOLFF, ROGER K.
WOLFF, ROGER K.
VENTION: METHOD TO DIAGNOSE HEREDITARY
VENTION: HEMOCHROMATOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DRAYNA, DENNIS T.
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                                                          9053-0001.21
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0; Mismatches
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INFORMATION FOR SEQ ID NO:

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PCT-US96-06352-52/c
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                                                                  Query Match
Best Local S
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Best Local 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: KIMMEL, BI
APPLICANT: THOWAS, W.
APPLICANT: WOLFF, RO
TITLE OF INVENTION: I
                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC COMPOSIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 90
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 08
FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                   TELEPHONE: (202) 887-0763
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 29,959
                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
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                                                                                                                                                                       LENGTH:
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                         931 CTCACTCTGTTACCCAGGCTG 951
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KIMMEL, BRUCE E.
THOMAS, WINSTON J.
WOLFF, ROGER K.
                                                                                                                                                                      22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: MORRISON & FOERSTER
2000 Pennsylvania Ave. N.W., Suite 5500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DRAYNA, DELL.
PRIDER, JOHN N.
PRIDER
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                                                                                                                              linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             METHOD TO DIAGNOSE HEREDITARY HEMOCHROMATOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DENNIS T.
                                                                   1.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               124
                                                                                                                                                                                                                                                                                                                                                  US 08/599,252
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                                                                   Score 17.8;
Pred. No. 2.
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Pred. No. 2.3e+02
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                                                       Mismatches
                                                                  .3e+02;
                                                                                 DB 1;
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                                                                                                                                                                                                     Sequence 38, Applicat GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                       Query Match 1.8%;
Best Local Similarity 90.5%;
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US96/06583
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/599,252
FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 90-4030
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
              NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 90
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                 FITLE OF INVENTION: HEMOCHROMATOSIS
                                                                                                  APPLICANT:
                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
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                                                                                 TITLE OF INVENTION:
                                                                                                                                    PPLICANT:
                                                                                                                                                                                     APPLICANT:
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                             OKTANIA, DENGL.

I: DRAYNA, DENGL.

I: FEDER, JOHN N.

IT: FEDER, JOHN N.

IT: KIMMEL, BRUCE E.

NIT: KIMMEL, BRUCE E.

NIT: THOMAS, WINSTON J.

ANT: WOLFF, ROGER K.

METHOD TO DIAGNOSE HEREDITARY

"TWOCHROMATOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nucleic acid
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2000 Pennsylvania Ave. N.W., Suite 5500
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FEDER, JOHN N.
GUIRKE, ANDREAS
KIMMEL, BRUCE E.
THOMAS, WINSTON J.
WOLFF, ROGER K.
WOLFF, ROGER K.
WOLFF, ROGER K.
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Pred. No. 2
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COUNTRY:

USA

20006-1888

CITY: Washington STATE: DC

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GENERAL INFORMATION:
APPLICANT: DRAYNA, DENNIS T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: Floppy Disk
COMPATING COMPATIBLE FOR ME
                                                                         ZIP: 20006-1888

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
RAPPLICATION NUMBER: PCT/US96/06583
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APPLICANT:
APPLICANT:
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REFERENCE/DOCKET NUMBER: 9053-0001.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
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CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/599,252

FILING DATE: 09-FEB-1996
                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
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CLASSIFICATION:
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                                                                                                                                                                                                                                              CITY: Washington
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KIMMEL, BRUCE E.
THOMAS, WINSTON J.
WOLFF, ROGER K.
                                                                                                                                                                                                                                                              2000 Pennsylvania Ave. N.W., Suite 5500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (202) 887-0763
                                                                                                                                                                                                                                                                                                                                                                                                                            DRAYNA, DENNIS T. FEDER, JOHN N.
                                                                                                                                                                                                              USA
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Pred. No. 2.
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RESULT 215
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                             US-08-222-177A-330
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 1.8%;
Best Local Similarity 90.5%;
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Weber, James L.
APPLICANT: Weber, James L.
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
ANAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELECHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 90
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
LENGTH: 22 base pairs
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                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                          MOLECULE TYPE: DN.
IMMEDIATE SOURCE:
CLONE: mfd103p2
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                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Madison
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                                                                                         TOPOLOGY:
                                                                                                     LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
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1.8%;
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Score 17.4;
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Pred. No. 2
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Length 19;
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Query Match

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CURRENT APPLICATION NUMBER: US/09/366,840
CURRENT FILING DATE: 1999-08-04
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 19
TYPE: DNA
ORGANISM: Human
US-09-366-840-2
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RESULT 218
US-09-544-398B-222
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                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-564-805-100
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                                                                                                                                                                                                                                                              SOFTWARE: Pa
SEQ ID NO 100
LENGTH: 19
                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 100, Application US/09564805 Patent No. 6333403
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                                                                                                                                                                                                                                                                                                                          APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
FILE REFERENCE: 2318-258
CURRENT APPLICATION NUMBER: US/09/564,805
CURRENT FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: US 60/107,468
PRIOR FILING DATE: 1998-11-06
PRIOR APPLICATION NUMBER: 09/434,382
PRIOR FILING DATE: 1999-11-05
PRIOR FILING DATE: 1999-11-05
NUMBER OF SECTION NUMBER: 09/434,382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ossowski, Liliana
TITLE OF INVENTION: In Vivo Assay for Intravasation
FILE REFERENCE: A32590 70165.0550
                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                    CCTCAGCCTCCCAAATAGC 1
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Simard, Jacques
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0; Mismatches 1;
                                                                                                                                                        Score 17.4; DB 1; Pred. No. 2.1e+02;
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Pred. No. 2.1e+02;
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PRIOR FILING DATE: 1999-01-13
PRIOR FILING DATE: 1999-01-13
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PRIOR FILING DATE: 1998-01-13
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER: OF SEQ ID NOS: 641
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 222
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                                                                                                                                                               US-09-280-805-249/c
                                                                                                                                                                               RESULT 220
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US-09-435-296-79/c
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                Sequence 249, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PATENT NO. 6171860
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
FILE REFERENCE: RTS-0116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 79
LENGTH: 20
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Matches 18; Conservative
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Best Local S
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CURRENT FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 89
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APPLICANT: Little, Randall D.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT APPLICATION DATE: 2002-66-10
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TYPE: DNA
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ORGANISM: Artificial Sequence
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NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                  1111 CAGGCTGGTCTCAAACTCC 1129
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Pred. No. 2.2e+02;
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Pred. No. 2.1e+02
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US-09-280-805-256/c
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; ANTI-SENSE:
US-09-280-805-249
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Patent No. 6184212
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NFORMATION FOR SEQ ID NO:
                                                COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOPTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
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LENGTH: 20 base pairs
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
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Law Offices of Jane Massey Licata
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,
FILING DATE: March 26, 1998
                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia PITTLE OF INVENTION: ANTIGENSE MODULATION OF HUMAN MDM2 PITTLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
nes 18; Conserv
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STRANDEDNESS: Single
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CLASSIFICATION:
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94.7%;
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                    09/048,810
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ER: ISPH-0346
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Pred. No. 2.2e+02;
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                    Query Match
Best Local Similarity
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RESULT 222
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US-09-280-805-257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 257, Application US/09280805
Patent No. 6184212
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Best Local Similarity 94.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                         TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                              SOFTWARE: WORDPERFECT 6
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/
FILING DATE: herewith
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 609-810-1515
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                                                                                                                                                      TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                 APPLICATION NUMBER: 09/0 FILING DATE: March 26, 1 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                ANTI-SENSE:
                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Licata, Jane Massey REGISTRATION NUMBER: 32,2 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
                                                                                                                                                                      NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS
SOFTWARE: WORDPERFECT 6.0
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                               TOPOLOGY:
                                               STRANDEDNESS:
                                                                                                                                        TELEPHONE:
                                                                          LENGTH:
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                                                                           20 base pairs
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                               S: Single
Linear
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                                                                                                                                                                                                                                                                                                                                                                  WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Miraglia, Pamela Nero, Mark J.
Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ANTISENSE MODULATION, OF HUMAN MDM2
                                                                                                                                                                                                                                                                                                                    US/09/280,805
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                                                                                                            257:
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1.8%;

Score 17.4; DB 1; Length 20; Pred. No. 2.2e+02; 0; Mismatches 1; Indels

0

Gaps

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Query Match
Best Local Similarity
Thehes 18; Conserve
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US-09-467-642-65/c
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Patent No.
NUMBER OF SEQ ID NOS:
SEQ ID NO 65
LENGTH: 20.
                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                           Sequence 65, Application US/09467642 Patent No. 6300132
                                                  APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION. AND AND AND AND APPLICANT BINDING FACTOR 2 EXPRES
FILE REFERENCE: RTS-0106
CURRENT APPLICATION NUMBER: US/09/467,642
CURRENT FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Liea A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 0726
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/579,233
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/152,313
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NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER: US,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Sidransky, David
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OPERATING SYSTEM: Windows 95
SOFTWARE: FastSEQ for Windows Version 2.0b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: UZIP: 92037
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: La Jolla
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                                                                                                                                                                                                                                                                                                                646 AGGCTGGAGTGCAGTGGCG 664
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5. 6235470
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4225 Executive Square, Suite
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Pred. No. 2.2e+02
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US-09-588-950A-5
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                                                                                                                                                                                                                                                                                                                                                       RESULT 226
US-09-851-896-18
                                                              TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPEND TITLE OF INVENTION: EXPRESSION FILE REFERENCE: RTS-0220 CURRENT APPLICATION NUMBER: US/09/851,896 CURRENT FILING DATE: 2001-05-08 NUMBER OF SEQ ID NO 18 SEQ ID NO 18 LENGTH: 20 TYPE: DNA
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Best Local Similarity
Matches 18; Conserv
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 20
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Best Local Similarity
Matches 18; Conserv
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Patent No. 6399305
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/588,950A
CURRENT FILLING DATE: 2000-06-07
PRIOR APPLICATION NUMBER: Japan 11-159339
PRIOR FILING DATE: 1999-06-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using a TITLE OF INVENTION: Electroconductive Chip and Intercalator FILE REFERENCE: JG-YY-4980/500569.20039
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                                                                                                                                                                                                                                APPLICANT: Susan M. Freier APPLICANT: Andrew T. Watt
                                                                                                                                                                                                                                                                 APPLICANT: C. Frank Bennett
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ORGANISM: Artificial Sequence
FEATURE:
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                OTHER INFORMATION: Antisense Oligonucleotide
                               FEATURE:
                                                 ORGANISM: Artificial Sequence
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Yamashita, Kenichi
                                                                                                                                                                                                                                                                                                                    Application US/09851896
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Takagi, Makoto
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Pred. No. 2
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Pred. No. 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
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2.2e+02;
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.2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
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CURRENT APPLICATION NUMBER: US/09/780,173A
CURRENT FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
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RESULT 229
US-09-733-294A-81/c
; Sequence 81, Appl
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                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-780-173A-20
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Best Local S
Matches 18
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SEQ ID NO 25
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 1.8%; Score 17.4; DB 1; Length 20; Best Local Similarity 94.7%; Pred. No. 2.2e+02; Matches 18; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                              Query Match 1.8
Best Local Similarity 94.7
Matches 18; Conservative
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CURRENT APPLICATION NUMBER: US/09/780,175
CURRENT FILING DATE: 2001-02-08
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                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Robert McKay
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OP INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION
FILE REFERENCE: RTS-0165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
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Similarity 94.7%;
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 Application US/09733294A
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                                                                                                                                                                0,
                                                                                                                                                                Score 17.4; DB 1
Pred. No. 2.2e+02
0; Mismatches
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Pred. No. 2.2e+02;
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                                                                                                                                                                                                   DB 1;
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                                                                                                                                                                                                                                RESULT 231
                                                                                                                                                                                                                                                                                                                                                                                                                                           , OTHER INFORMATION: Antisense Oligonucleotide US-09-657-346A-32
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                                                                                                                                                                                                              US-09-657-346A-49
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APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 108
SEQ ID NO 81
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 32, Application US/09657346A Patent No. 6503754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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                                                                                                                                                                       Sequence 49, Application US/09657346A Patent No. 6503754
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Matches :
                                                                                                                                                       GENERAL INFORMATION:
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APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Edward V. Wancewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0527
CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILLING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 09/572,423
PRIOR EILING DATE: 2000-05-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: ANTISUASE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST TITLE OF INVENTION: EXPRESSION FILE REFERENCE: RTS-01.35 CURRENT APPLICATION NUMBER: US/09/657,346A CURRENT FILING DATE: 2000-09-07 NUMBER OF SEQ ID NOS: 174
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0135
CURRENT FILLING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
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Local Similarity 94.7%;
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18; Conserv
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Pred. No. 2:2e+02;
0; Mismatches 1
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Pred. No. 2.2e+02;
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US-09-679-299A-69
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; OTHER INFORMATION: PCR Primer
US-09-679-299A-4
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-49
                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide US-09-679-299A-69
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                                                                                                                                                                   Sequence 4, Application US/09679299A
Patent No. 6566135
GENERAL INFORMATION:
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
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Matches
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LENGTH: 20
                           Matches
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LENGTH: 20
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Matches 18; Conserv
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LENGTH: 20
                                                     Query Match
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Best Local S
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TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE
FILE REFERENCE: RTS-0187
CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 164
                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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                          Local Similarity
mes 18; Conserv
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  865 CTGGGATTACAGGCGTGAG 883
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18; Conserv
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Pred. No. 2.2e+02;
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Pred. No. 2.2e+02;
0; Mismatches 1;
                                      Score 17.4; DB 1;
Pred. No. 2.2e+02;
                           Mismatches
                                                  Length 20
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US-09-475-947A-119

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GENERAL INFORMATION:

APPLICANT: Garner, Harold R. APPLICANT: Wren, Jonathan D. APPLICANT: Minna, John D.

Sequence 119, Application US/09475947A Patent No. 6472154

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RESULT 234
US-08-394-210-6
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                                                             Matches
                                                                            Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/394,210
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/038,085
FILING DATE:
APPLICATION NUMBER: US/08/038,085
FILING DATE: 09-ANG-1991
APPLICATION NUMBER: PR 8910720
FILING DATE: 09-ANG-1989
FILING DATE: 09-ANG-1989
FILING DATE: 09-ANG-1989
FILING DATE: 09-ANG-1989
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: WHITE JR, PAUL E
REGISTRATION NUMBER: 32011
REFERENCE/DOCKET NUMBER: PE
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: JALLAT, SOPHIE
APPLICANT: MEULIEN, PIERRE
APPLICANT: PAVIRANI, ANDREA
                                                                                                                                       TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: CELL LINEAGES EXPRESSING TITLE OF INVENTION: ACTIVE IX FACTOR
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                                                                                                                                                                                                                                                                ELECUTATION TELEPHONE: 202
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                                                                                                                                                                      STRANDEDNESS:
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                             869 GATTACAGGCGTGAGCCAC 887
                                                             18;
1 GATTATAGGCGTGAGCCAC
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20036-5601
                                                                                                                                                                                    nucleic acid
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                                                             Conservative
                                                                                                                                                           linear
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202) 861-0944
                                                                                                                                         DNA (genomic)
                                                                                                                                                                      single
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                                                                             Score 17.4;
Pred. No. 2.
                                                             Mismatches
                                                                               2.4e+02;
                                                                                          DB 1;
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                                                                                            Length 21;
                                                             Indels
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                                                             Gaps
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; TYPE: DNA
; ORGANISM: human
US-09-475-947A-119
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LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: YUVAL GARINI ET AL.
APPLICANT: YUVAL GARINI ET AL.
TITTLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES
                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: MS DOS version 6.2,
OPERATING SYSTEM: Windows version 3.11
SOFTWARE: Word for Windows version 2.0
SOFTWARE: CONVERTED to ASCI
CURRENT APPLICATION NUMBER: US/08/635,820A
FILLING DATE: 22-Apr-1996
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: 1.44 med
                                                                                                                                                               NAME: Friedmam, Mark M.
REGISTRATION NUMBER: 33,883
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
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                                                                        SEQUENCE CHARACTERISTICS:
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ATTORNBY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                     FILING DATE: 18-Aug-93
APPLICATION NUMBER: 08/392,019
FILING DATE: 21-Feb-95
APPLICATION NUMBER: 08/571,047
FILING DATE: 12-Dec-95
                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/575,191 FILING DATE: 20-Dec-95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                                 TELEPHONE: 972-3-5625553
TELEPAX: 972-3-5625554
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/107,673
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                  STRANDEDNESS:
                                                      LENGTH:
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linear
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94.7%;
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Pred. No. 2.
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                                                                                                                                US-09-100-104-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/09100104 Patent No. 6066459
                                                                Matches
                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ITTLE OF INVENTION: ITTLE OF INVENTION: ITTLE OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Word for Windows version 2.0 SOFTWARE: converted to ASCI CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/100,104
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 22-Apr-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 21-Feb-APPLICATION NUMBER: FILING DATE: 12-Dec-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 20001 Je
CITY: Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: Twinhead* Slimnote-890TX
OPERATING SYSTEM: MS DOS version 6.2,
OPERATING SYSTEM: Windows version 3.11
                                                                                                                                                                                                                                                                                                                                     NAME: Friedmam, Mark M
REGISTRATION NUMBER: 3:
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/575,191 FILING DATE: 20-Dec-95 APPLICATION NUMBER: 08/635,820
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IOR APPLICATION NUMBER: 08/
APPLICATION NUMBER: 08/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE:
                                                                                                                                                STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (43) CCCAGGCTGGAGTGCAG 659
                                                                                                                                                                                                                                                                                     TELEPHONE:
                                                              Local Similarity es 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                            643 CCCAGGCTGGAGTGCAG 659
17
                                                                                                                                                                              nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3: Mark M. Fried
20001 Jefferson
                                                                                                                                                                                                                                                                   972-3-5625553
972-3-5625554
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FUNTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE JENTION: MULTIPLE FOR IN SITU HYBRIDIZATION AND JENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING
                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3: 1.44 megabyte, 3.5" microdisk Twinhead* Slimnote-890TX
                                                                                                                                                S: single
linear
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                                                          100.0%; F1
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erson Davis Highway, Suite 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            08/571,047
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                                                                b; Score 17; DB
b; Pred. No. 1.9
0; Mismatches
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                                                                   1.9e+02;
hes 0;
                                                                                                 DB 1;
                                                                                                Length 17;
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RESULT 238

Query Match

1.7%;

Score 17; DB 1;

Length 17;

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                                                                                                                                                                                                                                                                                                              US-08-487-759-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.0%;
Matches 17; Conservative
                                                                                                                                                 Patent No. 5660989
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cole, James L.
APPLICANT: Olsen, David B.
APPLICANT: Kuo, Lawrence C.
APPLICANT: Kuo, Lawrence C.
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR
TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE
                                                                                                                                                                                                                                                                        Sequence 1, Application US/08487759 Patent No. 5660989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 5582979
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PS COMPUTER: PC POOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: LENGTH POLYMORPHISMS IN TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING
                                                                                                              NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Weber, James L.
                STATE: New Jersey COUNTRY: USA
                                                      STREET: 126 CITY: Rahway
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLONE: mfd10p2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: doub
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 53717-1914
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                            ADDRESSEE:
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07065
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                                                                      E: Ms. Joanne J. Giesser
126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (608) 831-2106
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.7%; Score 17; DB 1; 00.0%; Pred. No. 2.3e+0
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'\c= 0; Indels
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US-08-487-759-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/08807104
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Best Local Similarity
                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (908)-594-472
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                        CLASSIFICATION: 514
PRIOR APPLICATION UNDER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
            REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS,
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
APPLICANT:
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NAME: Giesser, Joanne M.
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/487,759
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                                                                                                                                                                                                                                                                                               COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                  STATE:
TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
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OLSEN, DAVID B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (908) -594-3046
(908) -594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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17.6%;
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Pred. No.
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; LOCATION: 1...1
; OTHER INFORMATION:
US-08-807-104-1
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                                                                                                                                                                                                                       COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
VARIONSKY, MICHAEL D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4, Apr. Sequence 4, Apr. No. 5861507
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SEQUENCE CHARACTERISTICS:
SEQUENCE: 19 base pairs
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: Genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucrease single strandedLOGY: linear
             OLECULE TYPE:
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Local Similarity 17.6%;
hes 3; Conservative 1
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OTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                                                                    NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
                                                                                                                                            TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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                                           STRANDEDNESS:
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                                                                                                                                            732-594-4720
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             Genomic RNA
                                         single
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Pred. No. 2.
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OTHER INFORMATION: US-08-807-104-4
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Best Local Similarity 17.6%;
Matches 3; Conservative 1
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                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,0
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: COLE, JAME APPLICANT: OLSEN, DAV APPLICANT: KUO, LAWRE TITLE OF INVENTION: COLUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
TELEPAX: 732-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D.
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                                                                                                                                                                           LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: AAHWAY
                             NAME/KEY: Modified Base LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                                 EATURE:
                                                                                                                                                                 MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM CON OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
NAME/KEY: Modified Base LOCATION: 13...13 OTHER INFORMATION:
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126 EAST LINCOLN AVENUE - P.O. BOX 2000
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OLSEN, DAVID B.
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                                                                                                                                                                 Genomic RNA
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Pred. No. 2.
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Query Match
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Matches 3; Conserve
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                                                                  US-08-807-104-7
Query Match 1.7%;
Best Local Similarity 17.6%;
Matches 3; Conservative 14
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FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
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ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
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                                                                                                                                                                                                                                            MOLECULE TYPE:
                                                                                           LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified
LOCATION: 13...13
                                                                                                                                                                                                                                                                       LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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STATE: NJ
                                                                              LOCATION: 13...13
OTHER INFORMATION:
                                                                                                                                                                                                                                                             TOPOLOGY:
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ON: CAPPED SYNTHETIC RNA, ANALOGS,
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Score 17; DB 1; LC.
Pred. No. 2.3e+02;
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Pred. No. 2
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US-08-807-104-8
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                                                             Matches
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                                                                                         Query Match
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                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/807,1
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
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TITLE OF INVENTION: CAPPED S'
TITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                 TOPOLOGY: 1i
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                                                                                                                                                                                                                                                                                    FEATURE:
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                                                                            Local
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TELEFAX: 732-594-4720
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                                                             Conservative
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17.6%;
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                                                          Score 17; Db 1; Pred. No. 2.3e+02;
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US-08-807-104-10
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; Patent No. 5861501
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                                                                                          RESULT 246
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APPLICANT: BENSEI
GENERAL INFORMATION:
APPLICANT: BENSEL
APPLICANT: COLE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 19 base pairs TYPE: nucleic acid
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APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Diskett
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE:
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OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
                                                                                                                                                                                                                                                                                  LOCATION: 6...6
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                LOCATION: 1...1
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: Modified Base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: YABLONSKY, MICHAEL D
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                                                                                                                                                                                                                   Local
                                                                                                                                                                                                                                                                                                                    NAME/KEY:
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o. 5861501
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                                                                                                                                                                                                    Similarity
3; Conserv
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                                                             Application US/08807104
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OLSEN, DAVID B.
 BENSELER, FRITZ
COLE, JAMES L.
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17.6%; Pred. No.
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P.O. BOX 2000
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                                                                                                                                          Sequence 13, Appl. Patent No. 586150
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                                                                                                                                                                                                                                                                                                                                     Query Match
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CLASSIFICATION: 514
PRIOR APPLICATION DATA: 08/480,068
APPLICATION UNMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskett COMPUTER: IBM Compat
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: CAPPED STITLE OF INVENTION: APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FASTSEQ for Windows Version CURRENT APPLICATION DATA:
      CORRESPONDENCE ADDRESS
                     TITLE OF INVENTION: CAPPED STITLE OF INVENTION: APTAMERS NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified
LOCATION: 19...19
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                    Local
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NAME/KEY: Modifie
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REGISTRATION NUMBER: 40,40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: MICHAEL D. ADDRESSEE: ATREET: 126 EAST LINCOLN AVENUE -
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX:
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3; Conserva
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                                                                               COLE, JAMES L.
OLSEN, DAVID B
                                                                                                                BENSELER,
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llarity 17.6%;
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DN: CAPPED SYNTHETIC RNA, ANALOGS, AND
                                                   LAWRENCE C.
DN: CAPPED SYNTHETIC RNA, ANALOGS, AND
                                                                                                                   FRITZ
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19406DA
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Pred. No.
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Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 14,
                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UMBER: 08/480,068
FILLING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                  APPLICANT: BENSULLIANS L.
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID F
TAWRENCE
                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                       APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED S'
TITLE OF INVENTION: APTAMERS
NUMBER OF SEQUENCES: 21
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: Genomic RNA
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MEDIUM TYPE: Diskette
                                                                                                                 COUNTRY: US
ZIP: 07065
      COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOPTWARE: FastSEQ for Windows Version 2.0
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OPERATING SYSTEM: DOS
SOPTWARE: FastSEQ for Windows Version 2.0
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STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
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ON: CAPPED SYNTHETIC RNA, ANALOGS, AND
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Best Local Similarity
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SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 15, Appl Patent No. 586150
                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                       COMPUTER: TABLES DOS
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version
SOFTWARE PRICE TO DATA:
CURRENT APPLICATION DATA:
CURRENT APPLICATION UNMBER: US/08/807,104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
                CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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OTHER INFORMATION:
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                                                                                                                                                                                                        STATE: NJ
COUNTRY: US
ZIP: 07065
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OTHER INFORMATION:
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OTHER INFORMATION:
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                                                                APPLICATION NUMBER: FILING DATE: 04-FE
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OLSEN, DAVID B.
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                                                                                                                                                  IBM Compatible
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07-JUN-1995
                                                                  04-FEB-1997
                                                                                                                                                                        Diskette
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17.6%; Pred. No. 2
                08/480,068
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US-08-807-104-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,066
PILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19400
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 19406DA TELECOMMUNICATION INFORMATION: TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: BENDERE L.
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
TAMRENCE (
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NAME: YABLONSKY, MICHAEL D
                                                                                                                                                                              OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: Genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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NAME/KEY: Modifical
LOCATTON:
                                                                                                                                                                                                                                                                                                                                                                                                                   TTLE OF INVENTION: CAPPED S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 732-594-46
TELEFAX: 732-594-4720
                                                                                                                                                                                                COMPUTER: IBM CON
OPERATING SYSTEM:
SOFTWARE: FastSE
                                                                                                                                                                                                                                                                                                                            STREET: 120
CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Modified Base LOCATION: 13...13
                                                                                                                                               APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC
STREET: 126 BAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH:
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ON: CAPPED SYNTHETIC RNA, ANALOGS, AND
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17.6%; Pred. No. 2.
                                                                                                    08/480,068
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US-08-670-479-12/c
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                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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      : 19 base pairs nucleic acid
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US-08-807-104-16
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1.7%;
Local Similarity 17.6%;
es 3; Conservative
                                                                                                                        NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                            TELEFAX: 732-594-4720
                                                                         LOCATION: 12...12 OTHER INFORMATION:
                                                                                   NAME/KEY: Modified Base LOCATION: 12...12
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                                                                                                              OTHER INFORMATION:
                                                                                                                                                                             NAME/KEY:
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        Score 17; \(\nu_{\text{pred.}}\) No. 2.3e+02; ored. No. 2.3e+03;
                                   DB 1; Length 19;
            Indels
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Gaps

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Sequence 12, Application US/08670479 ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Distriction GENERAL INFORMATION: NAME: Han, William T REGISTRATION NUMBER: 34,344 REFERENCE/DOCKET NUMBER: P5 TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5219 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/670,479
FILING DATE: 26-JUN-1996 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,500
FILING DATE: 18-JUL-1996
APPLICATION NUMBER: 60/001,800 TITLE OF INVENTION: APPLICANT: Hardy, John A APPLICANT: Goate, Alison FILING DATE: 02-AUG-1995 ATTORNEY/AGENT INFORMATION: CORRESPONDENCE ADDRESS: NUMBER OF SEQUENCES: STREET: 709 Sweeter COMPUTER: IBM CON OPERATING SYSTEM: CLASSIFICATION: SOFTWARE: ADDRESSEE: 610-270-5090 FastSEQ Version 1.5 SmithKline Beecham Corporation

19 Swedeland Road IBM Compatible Diskette HUTANT S182 GENES 12: P50361

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; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-08-670-479-12
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US-08-973-139-1
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Best Local Similarity
Matches 14; Conserv
                                                                        Query Match
Best Local (
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                                                          Matches
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                                                                                                                                                                                                                                        TELEFAX: (908)-594-4720 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cole, James L.
APPLICANT: Olsen, David B.
APPLICANT: Kuo, Lawrence C.
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Giesser, Joanne M.
REGISTRATION NUMBER: 32,6
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                   ANTI-SENSE:
                                                                                                                                                 HYPOTHETICAL:
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STREET: ...
TTTY: Rahway
                                                       Local Similarity nes 3; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
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                          601 TTTTTATTTTAATTTT 617
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UUUUUAUUUUUAAUUUU 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Ms. Joanne J. Giesser
126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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73.7%;
                                                                       1.7%; Score 17; DB 1; Length 19; 17.6%; Pred. No. 2.3e+02;
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ER: 19398
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Pred. No. 2.3e+02;
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                                                          Mismatches
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                                                       Gaps
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RESULT 253

; Sequence 4, Application
; Patent No. 6111095
; GENERAL INFORMATION:
APPLICANT: BENSELE!
; APPLICANT: COLE, J!

COLE, JAMES L.

BENSELER,

Application US/08480068

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NAME/KEY: Modified Base LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base LOCATION: 1...1
OTHER INFORMATION:
US-08-480-068-1
RESULT 254
US-08-480-068-4
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                                                                                                                  Query Match
Best Local Similarity
Matches 3; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,0
FILING DATE: 07-UN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                         HYPOTHETICAL: N
                                                                                                                                                                                                                                                                                                                                        TOPULCE TYPE: Ge
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TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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                                                                                                                                                                                                                                                                                EATURE:
                                                                                                                                                                                                                                                                                            DRIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                              FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 908-594-4720
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                                                                                     601 TTTTTATTTTTAATTTT 617
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OLSEN, DAVID B.
                                                                                                                    Conservative
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                                                                                                                                                                                                                                                                                                                                                                       linear
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                                                                                                                                1.7%; Score 17; DB 1; 17.6%; Pred. No. 2.3e+02;
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                                                                                                                     Mismatches
                                                                                                                                               Length 19;
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US-08-480-068-6
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FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TOTRPHONE: 908-594-3046
                                                                                                                             Sequence 6, Application US/08480068 Patent No. 6111095
                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                        Query Match
                                                                               GENERAL INFORMATION:
APPLICANT: BENSELF
APPLICANT: COLE,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: (HYPOTHETICAL: NO ANTI-SENSE: NO
                  APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480
FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 2: CORRESPONDENCE ADDRESS:
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LENGTH: 19 base pairs
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APPLICATION NUMBER:
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LOCATION:
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                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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                                                                                                                                                                                                                                                                                                                                                                                Modified Base
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JOANNE M. GIESSER - MERCK & CO., INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Genomic RNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              single
                                                                                                                                                                                                                                                                                          1.7%;
17.6%;
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Pred. No.
                                                                                                                                                                                                                                                                              Mismatches
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0;
                                                                                                                                                                                                                                                                                                        Length 19;
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                                                                                                                                                                                                                       RESULT 256
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                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: (
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION:
NAME/KEY: Modified
LOCATTO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORIGINAL SOURCE:
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CITY: RAHWAY
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION:
NAME/KEY: Modified
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                                                                                                                                                                                                                                                                                                                                          Local
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STATE:
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RAHWAY
: NJ
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Sequence 7, Application US/08480068 Patent No. 6111095
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Computer:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                 APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAWES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/0
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: Modified Base LOCATION: 13...13 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                              601 TTTTTATTTTAATTT 617
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                                                                                                                                                                                                                                                                                                                                                 1.7%;
Similarity 17.6%;
3; Conservation
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                                                                  LAWRENCE C.
ON: CAPPED SYNTHETIC RNA, ANALOGS,
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                                                                                                                                                                                                                                                                                                                                                                       Score 17;
Pred. No.
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                                                                         AND APTAMERS
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                                                                                                                                                                                                                                                                            Sequence 8, Application US/08480068 Patent No. 6111095
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 1.7%;
Best Local Similarity 17.6%;
Matches 3; Conservative 1
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OPERATING SYSTEM: DOS
OPERATING SYSTEM: DOS
OPERATION SYSTEM: DOS
OPERATION STATE
OPERATION INVASER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KIO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: line
MOLECULE TYPE: C
HYPOTHETICAL: NC
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 32,838
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 194
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatil
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: Modified Base LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
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OTHER INFORMATION:
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SYSTEM: DOS
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Pred. No. 2.
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US-08-480-068-9
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                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: BENSELE
APPLICANT: COLE, J
APPLICANT: OLSEN,
APPLICANT: KUO, LA
                                                                                                                                                                                                                                                                                                    Sequence 9, Application US/08480068 Patent No. 6111095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatibl
OPERATING SYSTEM: DOS
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INFORMATION FOR SEQ ID NO:
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NAME: GISSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 199
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/0
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
LENGTH: 19 base pairs
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ORIGINAL SOURCE:
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                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                   STREET: 126 E
CITY: RAHWAY
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOPTWARE: FASTSEQ Version 1.5
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TOPOLOGY: lir
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TELEFAX: 908-594-4720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: Modified LOCATION: 1...1
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OLSEN, DAVID B
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   YSTEM: DOS
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                                                                                                                                                                                   LAWRENCE C.
ON: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
CES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.7%; Score 17; DB 1; 17.6%; Pred. No. 2.3e+02;
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07-JUN-1995

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                                                                                                                                                                               Sequence 10, Application US/08480068

Sequence 10, Application US/08480068

Patent No. 6111095

PAPPLICANT: BENUSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: COLE, JAMES L.
APPLICANT: CUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FRAGMENT TYPE:
ORIGINAL SOURCE:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 07-JU
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 6...6
OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
SOFTWARE: FASTSEQ Version 1.5 RRENT APPLICATION DATA: APPLICATION NUMBER: US/08/480
                                                  COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                VAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IAME/KEY: Modified Base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        601 TTTTTATTTTAATTTT 617
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.7%; Score 17; 1
Similarity 17.6%; Pred. No. 2.
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                                                                                                                                                                     RAHWAY
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 US/08/480,068
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2.3e+02;
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US-08-480-068-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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APPLICANT: BENSEL
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                   COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                 APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FRAGMENT TYPE:
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NAME/KEY: Modified
LOCATION: 19...19
OTHER INFORMATION:
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OTHER INFORMATION:
NAME/KEY: Modifie
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             APPLICATION NUMBER: US/0:
FILING DATE: 07-JUN-1995
                                                                                                                                                                                                            CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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CLASSIFICATION: 514
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          I.7%; Score 17; DB 1; Similarity 17.6%; Pred. No. 2.3e+02; 3; Conservative 14; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       nucleic acid
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                                                                                                                                                                                                                                                                                                        OLSEN, DAVIL
                                                                                                                                                                                                                                                                                                                                                         BENSELER, FRITZ
COLE, JAMES L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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                                   US/08/480,068
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FILING DATE:
ATTORNEY/AGENT INFORMATION:

APPLICATION NUMBER:

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Best Local Similarity 17.6%;
Matches 3; Conservative 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
          ATTORNEY AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
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NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: CLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                    COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                     SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-UN-1995
                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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ORIGINAL SOURCE:
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OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 908-594-300 TELEFAX: 908-594-4720
                                                                                                                   APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 601 TITTTATTTTAATTTT 617
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5. 6111095
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908-594-4720
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Pred. No. 2.
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US-08-480-068-15
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SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 15, Appli
Patent No. 6111095
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                                                                    FILING DATE:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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APPLICANT: C
APPLICANT: C
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                                                                                                                                                                                             CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                               SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PPLICANT: OLSEN, DAVID B.
PPLICANT: KUO, LAWRENCE C.
ITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     / Match 1.7%; Score 17;
Local Similarity 17.6%; Pred. No.
1es 3; Conservative 14; Mismatc
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OTHER INFORMATION:
NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: US
ZIP: 07065-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: Modified LOCATION: 1...1 OTHER INFORMATION:
                                                   TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                               STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
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OTHER INFORMATION:
                                    TELEX
                                                                                                                                                                                                                                                  FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY:
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                                                       908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COLE, JAMES L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BENSELER, FRITZ
                                                                                                                                                                                                                                                                                                                                3: Diskette
IBM Compatible
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US-08-480-068-16
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OPERATING SYSTEM: DOS
SOFTWARE: FRATESEQ Vecrsion 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORIGINAL SOURCE: FEATURE:
                                                                                                                                                                                                                                                                                                                                                    COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - N
STREET: 126 EAST LINCOLN AVENUE
                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: BENSELER,
APPLICANT: COLE, JAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION:
NAME/KEY: Modified
LOCATION: 13...13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity nes 3; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: Modified Base LOCATION: 13...13 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: 1...1
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PLICANT: KUO, LAWRENCE C.
ITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OCATION:
               ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              16, Application US/08480068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 UUUUUAUUUUAAUUUU 18
                                                                                                                                                                                                                                                                                                                                                                                                                                      RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TTTTTATTTTAATTTT 617
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19 base pairs
nucleic acid
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OLSEN, DAVID B.
                                                                                 908-594-4720
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                                                                                                                              19406
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       MERCK & CO., INC
3 - P.O. BOX 2000
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Matches
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                                                                                                                              PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,06

PILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: GIESSER, JOANNE M

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 1940

TELEPIONE: 908-594-3946

TELEPAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                 INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS: 10. INC
ADDRESSE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: OLSEN, I
APPLICANT: KUO, LAV
TITLE OF INVENTION:
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        TOPOLOGY: 1
MOLECULE TYPE:
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OTHER INFORMATION:
NAME/KEY: Modified
LOCATION: 12...12
OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                           FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: RAHWAY
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OTHER INFORMATION:
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                                      STRANDEDNESS:
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                                                  nucleic acid
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COLE, JAMES L.
OLSEN, DAVID B.
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12...12
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                       linear
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      Genomic RNA
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                                    single
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Matches Query Match

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RESULT 263

Patent No.

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                                                                                                                                                                                                                  NFORMATION FOR SEQ ID NO:
                                                                   TOPOLOGY: linea:
MOLECULE TYPE: Ge:
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/40
FILING DATE: 07-UNI-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,6
                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
CRASSIFICATION DATA:
PRIOR APPLICATION DATA:
08/480,068
                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS-
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
ORIGINAL SOURCE: FEATURE: NAME/KEY: Mod
                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                          REPERENCE/DOCKET NUMBER: 32,838
REPERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEPHONE: 908-594-3046
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ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JANES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS,
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
                                                  FRAGMENT TYPE:
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Similarity 17.6%;
3; Conservative 14
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Modified Base
                                                                                                                           linear
                                                                                                          Genomic RNA
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Pred. No. 2.3e+02;
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US-08-973-137-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                       TELEX:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION NUMBER: 08/480
APPLICATION NUMBER: 08/480
EILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compati
                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: Ger HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: KUO, LA
TITLE OF INVENTION:
                                                                                                                                            EATURE:
                                                                                                                                                           RAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
                                                                LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modifie
                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 32,838
                 LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modifie
                                                                                                                                                                                                                                                                    LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
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                                                                                                                         NAME/KEY: Modified Base
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OCATION:
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                                                                                                                                                                                                                                                      linear
                                                                    Modified Base
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               Modified Base
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                                                                                                                                                                                                                                     Genomic RNA
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ON: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
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; OTHER INFORMATION: US-08-973-137-6
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Best Local Similarity 17.6%;
Matches 3; Conservative 1
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEB: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                            MOLECULE TYPE: Ge
                                                                                                                                                                                           HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: 908-594-3046
                                                                                                                                                            ORIGINAL SOURCE:
                                                                                                                                                                               FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 126 | CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: GIESSER, JOANN REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                          LOCATION: 1...1
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 19406
                                              OTHER INFORMATION:
                                                                                NAME/KEY:
                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                          STRANDEDNESS:
                                NAME/KEY:
                                                               OCATION:
                                                                                                             NAME/KEY: Modified Base OCATION: 1...1
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INFORMATION:
                                                                                                                                                                                                                                                                           nucleic acid
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                                                                                                                                                                                                                                              linear
                                Modified Base
                                                                             Modified Base
                                                                                                                                                                                                                           Genomic RNA
                                                                                                                                                                                                                                                            single
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                                                                                                                                                                                                                                                                                                                                                                                                                           32,838
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Pred. No. 2.3e+02;
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                                US-08-973-137-8
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Sequence 8, Approximately No. 636920
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Matches, 4 3; Conserv
Query Match 1.7%; Score 17; DB 1; Le Best Local Similarity 17.6%; Pred. No. 2.3e+02; Matches 3; Conservative 14; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/48
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                  FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                               MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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ADDRESSEE: JOANNE M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: KUO, LAW
                                                                               COTHER INFORMATION:
NAME/KEY: Modified
LOCATION: 6...6
OTHER INFORMATION:
                                                                                                                                       OTHER INFORMATION:
NAME/KEY: Modified
LOCATION: 1...1
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                                                                                                                                                                                       NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/973,137
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                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
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126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                             19 base pairs
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OLSEN, DAVID B
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Pred. No. 2.3e
L4; Mismatches
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. 2.3e+02;
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                                   Length 19;
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US-08-973-137-9
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                                                                                                     US-08-973-137-9
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GENERAL INFORMATION:
                                           Matches
                                                                       Query Match
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HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
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ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                         FEATURE: Modified
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                                                                                                                                                                                                                                                                 ORIGINAL SOURCE:
                                     Local Similarity 17.8%; Pred. No. 2.3e+02
                                                                                                                                              NAME/KEY:
                                                                                                                                                           OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: sing
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/973,137 FILING DATE:
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                                                                                                              OTHER INFORMATION:
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                                                                                                                                                                         NAME/KEY: Modified Base LOCATION: 1...1
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                                                                                                                                LOCATION:
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                601 TTTTTATTTTAATTTT 617
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INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
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19 base pairs
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                                                                                                                                            Modified Base
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                                          .3e+02;
es 0; Indels
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RESULT 270
US-08-973-137-10
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                                                                Query Match 1.7
Best Local Similarity 17.6
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,06
PILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3946
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SEQUENCE CHARACTERISTICS:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: GeI
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
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COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                  ORIGINAL SOURCE:
                                                                                                                                                                 LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 19...19
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ZIP: 07065-0907
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OTHER INFORMATION:
NAME/KEY: Modifie
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                                                                                                                                              OTHER INFORMATION
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                                                                                                                                                                                                                                                                                 NAME/KEY: Modified Base
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                                601 TTTTTATTTTAATTTT 617
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 2 UUUUUAUUUUUAAUUUU 18
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COLE, JAMES L.
OLSEN, DAVID B.
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                                                                 1.7%; Score 17; DB 1; L
17.6%; Pred. No. 2.3e+02;
ative 14; Mismatches 0;
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                                                                14;
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                                                                                                 Length 19;
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RESULT 271
US-08-973-137-13
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                                                                                             US-08-973-137-14; Ap
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 13,
                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                        Query Match
                                                              Patent No. 6369208
GENERAL INFORMATION:
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APPLICANT: BENSEL
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APPLICATION NUMBER: 08/40
PILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
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ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
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MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
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MOLECULE TYPE: Ge
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                                                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL: NO ANTI-SENSE: NO
                  APPLICANT:
                                                                                                                                                                                                                                   Local Similarity 17.6%; Pred. No. 188 3; Conservative 14.
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CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                       NAME/KEY: Modified Base LOCATION: 1...1 OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 19 base pairs
                                                                                                                                                                                                         601 TITTTATTTTAATTTT 617
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                                                                                              Application US/08973137
BENSELER, FRITZ
COLE, JAMES L.
OLSEN, DAVID B.
KUO, LAWRENCE·C.
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                                                                                                                                                                                                                                                         2.3e+02;
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; OTHER INFORMATION:
US-08-973-137-14
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                                                                                                                                                                                                                                                                                          Query Match
Best Local (
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COMPUTER READABLE FORM:
MEDIUM TYPE: Disker-
COMPUTER: TPY
OPERATOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                       atent No. 6369208
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/41
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FRAGMENT TYPE:
ORIGINAL SOURCE:
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CORRESPONDENCE ADDRESS
              TITLE OF INVENTION:
                                                                                                                                                                                                                                                           1.7%; Score 17; DB 1;
Local Similarity 17.6%; Pred. No. 2.3e+02;
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OTHER INFORMATION:
NAME/KEY: Modifie
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OTHER INFORMATION:
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                                                                                                                                   Application US/08973137
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126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                          BENSELER, FRITZ COLE, JAMES L. OLSEN, DAVID B.
                                           KUO,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IBM Compatible
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                                               LAWRENCE C.
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              CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS 21
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                                                                                                                                                                            Sequence 16, Application US/08973137 Patent No. 6369208
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                                                                                                                                                                          Patent No.
                                                                                                     GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLSEN, DAVID B.
APPLICANT: CLSEN, DAVID B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
CTBANDEDNESS: circle
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS,
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/40
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL: 1
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OPERATING SYSTEM: DOS
SOFTWARE: Fast-SEQ Version 1.5
CURRENT APPLICATION DATA:
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CITY: RAHWAY
STATE: NJ
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NAME/KEY: Modified Base
LOCATION: 1...1
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REFERENCE/DOCKET NUMBER: 19406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: GIESSER, JOANNE REGISTRATION NUMBER:
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                                                                                                                                         BENSELER, FRITZ
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                                                                                                                                                                                                                                                                                                                                                                      1.7%; Score 17; DB 1;
17.6%; Pred. No. 2.3e+02
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                                                                      AND APTAMERS
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APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: Thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 98
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                                                                                                                                                                                                                                                               Patent No. 6673917 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                  Sequence 98, Application US/09672717 Patent No. 6673917
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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INFORMATION FOR SEQ ID NO:
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APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
                                                                                                                                                                                                                                         APPLICANT: Korneluk,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linea.
MOLECULE TYPE: Gen
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
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OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: Modified Base LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base LOCATION: 12...12
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TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
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CLASSIFICATION:
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Local Similarity 17.6%;
les 3; Conservative 14
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OTHER INFORMATION:
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STRANDEDNESS: single
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Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 276
                                                                                                                                                                                                                                                                                                                         PCT-US96-08320-1
                                                                                                                                                                                                                                                                                                                                          RESULT 277
                                                                                                                                                                                                                                       Sequence 1, Application PC/TUS9608320
GENERAL INFORMATION:
APPLICANT: Cole, James L.
APPLICANT: Olsen, David B.
APPLICANT: Kuo, Lawrence C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Methods and Products Related to TITLE OF INVENTION: Genotyping and DNA Analysis FILE REFERENCE: M0656/7045 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/99/404,912
CURRENT FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR PILING DATE: 1998-09-25
PRIOR PILING DATE: 1998-09-24
PRIOR PILING DATE: 1998-09-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: John Landers
APPLICANT: David Houseman
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 691
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                           NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                          PPLICANT: Kuo, Lawrence ITLE OF INVENTION: DNA I
                                                                                                     CITY: Rahway
STATE: New Jersey
                                                                                                                                          STREET:
           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                          COUNTRY:
                                                                                                                                                          ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                          ATCTCGGCTCACTGCAA 983
                                                                                                                                          E: Ms. Joanne J. Giesser
126 E. Lincoln Avenue, P.O.
                                                                                            USA
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PatentIn Release #1.0, Version #1.30
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                                                                                                                                                                                                           DNA POLYMERASE EXTENSION ASSAY FOR INFLUENZA VIRUS ENDONUCLEASE
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Pred. No.
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Pred. No.
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                                                                                                                                            Box 2000-0907
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PCT-US96-08330-1
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HYPOTHETICAL:
; ANTI-SENSE: 1
PCT-US96-08330-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application:
GENERAL INFORMATION:
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                                                                                                               TELEFAX: (908)-594-47
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                                                                                                                                         NAME: Giesser Joanne M.
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                  CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                            SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US96/08330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANTI-SENSE:
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                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STRANDEDNESS: single
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                                                       STRANDEDNESS:
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                                          TOPOLOGY:
                                                                        TYPE:
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                                                                                                                                             TELEPHONE:
                                                                                     LENGTH:
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New Jersey
                                                                   nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                 3: Ms. Joanne J. Greeber
126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                    USA
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                                                                                                                             (908) -594-4720
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                                                        single
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Pred. No.
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                                                               Query Match 1.7%; Score 17; DB 1; Best Local Similarity 17.6%; Pred. No. 2.4e+02; Matches 3; Conservative 14; Mismatches 0
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Best Local :
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
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                                                                                                                                                NAME/KEY: Modified Base LOCATION: 2...2 OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                STRANDEDNESS: 811
                                                                                                                                                                                                                     NAME/KEY: Modified Base LOCATION: 2...2
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CITY: RAHWAY
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3; Conserv
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UUUUUAUUUUUAAUUUU 19
                               TTTTTATTTTAATTTT 617
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17.6%;
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Pred. No. 2.3e+02;
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                                                                                               Length 20
                                                                 Indels
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RESULT 281
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                                                                                                                    Matches
                                                                                                                                Query Match
Best Local S
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SOFTWARE: PASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,0
FILING DATE: 07-UN-1995
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
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NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 1940
TELECOMMUNICATION INFORMATION:
TELECHONE: 908-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL: NO ANTI-SENSE: NO FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS,
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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APPLICANT: COLE, JAME
                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: GE
                                                                                                                                                                                                 LOCATION: 2...2
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 2...2
OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                  601 TITTTATTTTTAATTTT 617
                                                 3 UUUUUAUUUUUAAUUUU 19
                                                                                                                  Similarity
3; Conserv
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                                                                                                                1.7%; Score 17;
llarity 17.6%; Pred. No.
Conservative 14; Mismatc
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                                                                                                                                                                                                                                                                                       Base
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                                                                                                                    Mismatches
                                                                                                                  2.4e+02;
ches 0;
                                                                                                                                                     DB 1;
                                                                                                                                                 Length 20;
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                                                                                                                    Gaps
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US-09-280-805-241/c
; Sequence 241, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

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; ANTI-SENSE:
US-09-280-805-241
                                                                                                                                                                                                                                                                                                                                                                                                          US-08-973-137-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                 Sequence 2, Application US/08973137
Patent No. 6369208
                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: COLE, JAMES L.
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS: 1
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
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TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 09/048,810 FILING DATE: March 26, 1998 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
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REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                             COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Marlton
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                                                                                                                                                         STATE: NJ
                                                  OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Licata, Jane Massey
 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  935 CTCTGTTACCCAGGCTG 951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  17
                                                                                                                                                                          RAHWAY
            RE: FastSEQ Version 1.5
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CTCTGTTACCCAGGCTG 1
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                                                                  IBM Compatible
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ANTISENSE MODULATION OF HUMAN MDM2
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100.0%; Pred. No. 2.4
ative 0; Mismatches
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US/08/973,137
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; LOCATION: 2...2; OTHER INFORMATION: ; NAME/KEY: Modified; LOCATION: 2...2; OTHER INFORMATION: US-08-973-137-2
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Sequence 61, App.
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Best Local Similarity 17.6%;
Matches 3; Conservative
                                                                                                                                            SEQ ID NO 61
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: MMSC1 Primers
                                                                               Query Match
Best Local 9
                                                                 Matches
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CLASSIFICATION:
PRIOR APPLICATION NUMBER: 08/480
APPLICATION NUMBER: 07-UUN-1995
TOTAL OF THE PRIOR OF T
                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/223,086
CURRENT FILING DATE: 1999-01-19
EARLIER APPLICATION NUMBER: US 60/071,861
EARLIER FILING DATE: 1998-01-20
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bartel, Paul L.
APPLICANT: Taveigian, Sean V.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: MMSC1 - An MMAC1 Interacting Protein
FILE REFERENCE: MMSC1 Gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linea MOLECULE TYPE: Ge: HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FRAGMENT TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single
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                                                                                   Local Similarity
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 CTCTGTCACCCAGGCTG 21
                                CTCTGTCACCCAGGCTG 651
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                                                                 Conservative
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                                                                                   100.0%;
                                                                                 1.7%; Score 17;
100.0%; Pred. No.
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Pred. No. 2.
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                                                                   Mismatches
                                                                                                 DB 1;
                                                                                 2.6e+02;
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                                                                                                 Length 21;
                                                                     Indels
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US-07-952-442-19
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                                                                                                                                                                                                                                RESULT 285
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: ITHEN, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 1978
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEX: 202-962-8300
INFORMATION FOR SEQ ID NO: 19:
                                                                                                                                                                    Sequence 5, Application US/07890719 Patent No. 5387506
                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA
HYPOTHETICAL: NO
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti
STREET: 1201 New York Avenue N.W., Suite 1000
                                                                      APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F.; BREAKEFIELD, APPLICANT: XANDRA O.
TITLE OF INVENTION: USE OF GENETIC MARKERS TO DIAGNOSE FAMILIAL TITLE OF INVENTION: DYSAUTONOMIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Corval, TITLE OF INVENTION: TITLE OF INVENTION:
                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PPLICANT: Lalouel, Jean-Marc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US
FILING DATE: 19920930
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                                                                                                                                                                                                                                                                                                                    641 CACCCAGGCTGGAGTGCAGT 660
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5374525
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                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                                                                             1.7%;
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                                                                                                                                                                                                                                                                                                                                                                               Score 16.8;
Pred. No. 2
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; PUBLICATION DATE:
; RELEVANT RESIDUES IN SEQ ID NO:
US-07-890-719-5
RESULT 286
US-08-269-766-19/c
; Sequence 19, Application US/08269766
                                                                                    문
                                                                                                                                                  Best Loc
Matches
                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 212-751-6849
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                           PUBLICATION IMPORMATION:

AUTHORS: KMIATKOMSKI, DAVID J.; HENSKE, ELIZABETH P.;

AUTHORS: WEIMER, KIM; OZELLUS, LAURIE; GUSELLA, JAMES

TITLE: CONSTRUCTION OF A GT POLYMORPHISM MAP OF HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 31,900
REFERENCE/DOCKET NUMBER: 1828-4001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEPHONE: 212-758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: EUGENE C. RZUCIDLO
REGISTRATION NUMBER: 31,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL: 1
ORIGINAL SOURCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TISSUE TYPE:
CELL TYPE:
CELL LINE:
                                                                                                                                                                                                                                                                                                                                                                                                                                          IDENTIFICATION METHOD: OTHER INFORMATION:
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DEVELOPMENTAL STAGE:
HAPLOTYPE:
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STATE: NEW YORK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
                                                                                                                                                                 Local
                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                 DOCUMENT NUMBER:
                                                                                                                                                                                                                                                                                                                                              VOLUMB:
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                                                                                                                  725 CCTGAGTAGCTGGGACTACA 744
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18; Conservative
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                                                                                    CCTGAGTAGCCGGGACTATA 20
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                                                                                                                                                                 Score 16.8; DB 1;
Pred. No. 2.5e+02;
                                                                                                                                                    Mismatches
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RESULT 287
US-08-290-936-12
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                                                                                                               Sequence 12, Application US/08290936
Patent No. 5656743
GENERAL INFORMATION:
APPLICANT: Busch et al.
TITLE OF INVENTION: OF CELL GROWTH
TITLE OF INVENTION: OF CELL GROWTH
                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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INFORMATION FOR SEQ ID NO: 19:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA HYPOTHETICAL: NO ANTI-SENSE: NO
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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                                                                               NUMBER OF SEQUENCES: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/01
FILING DATE: 01-JUL-1994
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                             Local Similarity
les 18; Conserv
         ADDRESSEE: Mackiewicz & No. 5656743ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
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1201 New York Avenue N.W., Suite 1000
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Jeunemaitre, Xavier
Lifton, Richard P.
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ilarity 90.0%;
Conservative (
                                                           Woodcock Washburn Kurtz
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Pred. No. 2.
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00754
FILING DATE: January 27, 1993
APPLICATION NUMBER: 07/841,660
FILING DATE: February 19, 1992
ATTORNEY/ACENT INFORMATION:
NAME: John W. Caldwell and Rebecca L. Ral
REGISTRATION NUMBER: 28,937 and 35,152
REFERENCE/DOCKET NUMBER: BAY-0032
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORM
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb stor.
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CURRENT APPLICATION DATA:
            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                               TITLE OF INVENTION:
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OPERATING SYSTEM:
                                                                                                                                                       STATE:
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                                                                                                                                                                      CITY: Washington
                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                        ZIP: 20005
                                                                                                                                     COUNTRY:
                                                                                                                                                                                                             ADDRESSEE:
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                                                                                                                                                                                                                                                             T: Futreal, P. Andrew
INVENTION: 17q-Linked Breast and Ovarian Cancer
INVENTION: Susceptibility Gene
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                                                                                                                                                       DG.
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1201 New York Avenue, N.W., Suite 1000
                                                                                                                                        USA
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Shattuck-Eidens, Donna M.
Tavtigian, Sean V.
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Goldgar, David E.
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US/08/480,784
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US-08-483-553-9/c
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                       Patent No.
                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT:
APPLICANT:
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NAME: ITHEN, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
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APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
                                                                                        CORRESPONDENCE ADDRESS: ADDRESSEE: Venable,
                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                   TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer TITLE OF INVENTION: Susceptibility Gene
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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PRIOR APPLICATION DATA:
COMPUTER READABLE FORM:
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                                                      STREET: 1201 New CITY: Washington
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Shattuck-Eidens, Don
Shattuck-Sean V.
                                                                         E: Venable, Baetjer, Howard & Civiletti, LLP 1201 New York Avenue, N.W., Suite 1000
                              USA
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Kamb, Alexander
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29-NOV-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 16.8; DB 1;
Pred. No. 2.5e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 20;
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                                                                                                                                                                                                                                                      Sequence 9, Application US/08487002 Patent No. 5710001
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Best Local S
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CLONE: tdj1239
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ORIGINAL SOURCE:
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
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PRIOR APPLICATION DATA:
US 08/308,104
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PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/348,824
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LENGTH: 20 base pairs
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TELECOMMUNICATION INFORMATION:
                                                                                                                         APPLICANT: Nakamura, Yusuke
APPLICANT: Durocher, Francine
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                          NUMBER OF SEQUENCES:
                               CITY:
STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                             STREET:
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                                                                          ADDRESSEE:
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                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                      681 CAACCTCTGCCTCCCGGGTT 700
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20005
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                                            Washington
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                                                           E: Venable, Baetjer, Howard & Civiletti, LLP 1201 New York Avenue, N.W., Suite 1000
                USA
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90.0%; Pred. No. 2.
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US-08-483-554B-9/c
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                                                                                                                                                                                                                                                                                                                                                                                         Matches
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MOLECULE TYPE: DNA
MOLECULE TYPE: NO
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APPLICATION NUMBER: US/08/487,002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL: NO ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IMMEDIATE SOURCE:
CLONE: tdj1239 A
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APPLICATION NUMBER: US 0
FILING DATE: 12-AUG-1994
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APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
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APPLICANT:
APPLICANT:
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APPLICANT:
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                                                       APPLICANT:
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                           TITLE OF INVENTION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
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Local Similarity 90.0%;
nes 18; Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
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Goldgar, David E.
Miki, Yoshio
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                                                                                     Harshman, Keith D.
Shattuck-Eidens, Donna M.
Tavtigian, Sean V.
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                                                     Wiseman, Roger W.
Futreal, P. Andrew
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Jeffrey L.
Jeffrey L.
28,957
ADDRESS:
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                           17q-Linked Breast and Ovarian Cancer Susceptibility Gene
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Pred. No. 2.
                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                       Length 20;
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RESULT 292
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                                                                                                                                                           Sequence 9, Application US/08488011B Patent No. 5753441
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Best Local S
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FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
APPLICATION NUMBER: US 08/308,104
                                                                                                                                             GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRICE DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION UNWBER: US 08/
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORWATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION UNMBER: 28,95
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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ORIGINAL SOURCE:
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PRIOR APPLICATION DATA:
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CLONE: tdj1239
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TELEPHONE: 202-962-4810
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                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                        Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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STREET: 1201 New York Avenue, N.W., Suite 1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM:
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Harshman, Keith D.
Shattuck-Eidens, D
Tavtigian, Sean V.
                                                                   Swenson, Jeff
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                                                Kamb, Alexander
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16-SEP-1994
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Pred. No. 2.5e+02;
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Donna M.

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RESULT 293
US-08-319-545A-19/c
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,011P
FILING DATE: 07-JIM-10-7
CLASSTETTE: 07-JIM-10-7
Patent No. 5763168
GENERAL INFORMATION:
APPLICANT: Laloue
APPLICANT: Jeunema
                                                     Sequence 19, Application US/08319545A Patent No. 5763168
                                                                                                                                                                                                                                                 Query Match 1.7%;
Best Local Similarity 90.0%;
                                                                                                                                                                                                                                    Matches
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ATTORNEY/AGENT INFORMATION:
TIME: Ihnen, Jeffrey L.
TIMBER: 28,957
                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: tdj1239 A
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LENGTH: 20 base pairs
TYPE: nucleic acid
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APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
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FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
FILING DATE: 02-SEP-1994
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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PRIOR APPLICATION DATA:
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FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U
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                                                                                                                                                                                               681 CAACCTCTGCCTCCCGGGTT 700
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   Jeunemaitre, Xavier
                                                                                                                                                                                                                                Conservative
                  Lalouel, Jean-Marc
                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                             NO
                                                                                                                                                                                                                                                                                                                                                                                                          DNA (genomic)
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                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                 Score 16.8; DB 1;
Pred. No. 2.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24884-109347-09
                                                                                                                                                                                                                                                                 DB 1;
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US-08-651-692-27
US-08-651-692-27
; Sequence 27, Application in the sequence 27, Se
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 90.0
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL: NO ANTI-SENSE: NO ORIGINAL SOURCE: ORGANISM: Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: 1110-01
MOLECULE TYPE: DNA
MOLECULE TYPE: NO
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APPLICANT:
APPLICANT:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDERFECT 5.1/5.2 Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,545A
FILING DATE: 7-OCT-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Loren Miraglia, Thomas Geiger,
APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
TITLE OF INVENTION: Compositions and Methods for
TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/952,442
FILING DATE: 30-SEP-1992
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COMPUTER READABLE FORM: MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: TITLE OF INVENTION: NUMBER OF SEQUENCES:
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REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: LC
STATE: 20005
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STREET: 1201 New York Avenue N.W., Suite 1000
                                                                            ZIP:
                                                                                                           COUNTRY:
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                                                                            08002
                                                                                                                                                                            Cherry Hill
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                                                                                                              USA
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Pred. No. 2.5e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 5, Application US/08480655
Patent No. 5998133
                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;
APPLICANT: BREAKEFIELD, XANDRA, O;
APPLICANT: SLAUGENHAUPT, SUSAN
TITLE OF INVENTION: USE OF GENETIC MARKERS TO
TITLE OF INVENTION: DIAGNOSE FAMILIAL DYSAUTONOMIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 536 PRIOR APPLICATION NUMBER:
                                                                                                                                                                                              COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,655
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REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
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                                                                                                                                              FILING DATE: 07-JUNE-
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                              ATTORNEY/AGENT INFORMATION:
                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
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OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                       CITY: NEW YORK STATE: NEW YORK
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                                                                                                                APPLICATION NUMBER: 08/049
FILING DATE: 16-APRIL-1993
                                                                                                                                                                                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                 APPLICATION NUMBER: US/0'
FILING DATE: 29-MAY-1992
                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   676 CACTGCAACCTCTGCCTCCC 695
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                                                                                                                                                                                07-JUNE-1995
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                                                                   us/07/890,719
                                                                                                                                  08/049,678
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                             Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION:
PUBLICATION INFORMATION:
PUBLICATION INFORMATION:
AUTHORS: KWIATKOWSKI, DAVID J;
AUTHORS: HENSKE, ELIZABETH P; WEIMI
AUTHORS: OZELIUS, LAURIE; GUSELLA,
AUTHORS: HAINES, JONATHAN
            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: WordPerfect 5.1/5.2 W.
CURRENT APPLICATION DATA:
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                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OLECULE TYPE:
                                                                                                                                                                                                                         APPLICANT: Corvol, Pierre TITLE OF INVENTION: Methor TITLE OF INVENTION: to Hy
                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                              CIL.
STATE: L.
20005
                                                                                                                                                        ADDRESSEE:
STREET: 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DOCUMENT NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              [DENTIFICATION METHOD:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            725 CCTGAGTAGCTGGGACTACA 744
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUCLBIC ACID
EDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1992
                                                                                                                                           Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CCTGAGTAGCCGGGACTATA 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CONSTRUCTION OF A GT POLYMORPHISM MAP OF HUMAN 9Q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              229-240
                                                                                                                                                                                                                                                                                                                                                                                         Application US/09092988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12
                                                                                                                                                          B: Venable, Baetjer, Howard & Civiletti
1201 New York Avenue N.W., Suite 1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENOMICS
                                                                                                                                                                                                                                                                           Kotelevtsev, Youri
                                                                                                                                                                                                                                                                                                                             Jeunemaitre, Xavier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIMER SEQUENCE FOR D9S58 LOCUS CHROMOSOME 9
                                                                                                                                                                                                                                                                                            Soubrier, Florent
                                                                                                                                                                                                                                                                                                            Lifton, Richard P.
                                                                                                                                                                                                                                                                                                                                         Lalouel, Jean-Marc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                212-451-8513
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OLIGONUCLEOTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.7%;
                                                                                                                                                                                                          Method to Determine Predisposition to Hypertension 22
US/09/092,988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 <u>ن</u>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 16.8; DB 1
Pred. No. 2.5e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                P; WEIMER, KIM;
                                  Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 20;
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US-09-289-267-163

(Sequence 163, Application US/09289267A)

(Patent NO. 5046320)

(GENERAL INFORMATION:
(APPLICANT: Brett P. Monia
(APPLICANT: Lex M. COWSET
(TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
(FILE REFERENCE: RTS-0049
(CURRENT APPLICATION NUMBER: US/09/289,267A
(CURRENT FILLING DATE: 1999-04-04
(NUMBER OF SEQ ID NOS: 166
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                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 298
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APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
FILE REFERENCE: RTS-0049
CURRENT APPLICATION NUMBER: US/09/289,267A
CURRENT APPLICATION NUMBER: US/09/289,267A
CURRENT FILING DATE: 1999-04-04
NUMBER OF SEQ ID NOS: 166
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REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 1978
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEX: 202-962-8300
INFORMATION FOR SEQ ID NO: 19:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 162
LENGTH: 20
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 90.0 Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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ORGANISM: Home
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DN
HYPOTHETICAL: NO
ANTI-SENSE: NO
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LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      641 CACCCAGGCTGGAGTGCAGT 660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            636 TCTGTCACCCAGGCTGGAGT 655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 16.8; DB 1;
Pred. No. 2.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0
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                                                                                                                          US-09-009-913-230
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Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 163
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 230, Application US/09009913 Patent No. 6087485
                                                          Matches
                                                                                        Query Match
                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/009,913 FILING DATE: 21-JAN-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: AxyS Pharmaceuticals, In TITLE OF INVENTION: Asthma Related NUMBER OF SEQUENCES: 339
                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: SE
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic
                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Con
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
ZIP: 943
                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                          Local
                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE:
                                                                                                                                                                                                                                       TELEX:
                                                                                                                                                                                      LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   662 GCGCAATCTTGGCTCACTGC 681
                             931 CTCACTCTGTTACCCAGGCT 950
20 CTCACTCTGTCTCCCAGGCT
                                                          18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   94301
                                                                         1.7%;
Similarity 90.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Palo Alto
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                                                                                                                                                                                   20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 B: Bozicevic & Reed, LLP
285 Hamilton Ave, Suite 200
                                                                                                                                                                                                                                                  3: 650-327-3231
650-327-3231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IBM Compatible
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                                                                                                                                                                                                                                                                                                             36,677
                                                          0;
                                                                                                                                                                                                                                                                                                SEQ-4P
                                                                         Score 16.8; DB 1;
Pred. No. 2.5e+02;
                                                             Mismatches
                                                                                            DB 1;
                                                                                         Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length
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                                                             Indels
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RESULT 300 US-09-358-384-38/c ; Sequence 38, Application US/09358384 ; Patent No. 6130088

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RESULT 301
US-09-106-216-19/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 1 EXPRESS
FILE REFERENCE: RTS-0083
FILE REPERENCE: RTS-0083
CURRENT FILLING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
                        APPLICATION NUMBER: US 08/319,545
PRICA PAPEL CATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/952,545
PILLING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 2323-124
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6040
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Corvol, Pierre TITLE OF INVENTION: Metho TITLE OF INVENTION: Hyper
                                                                                                                                                                                                                      FILING DATE: 08-JUN-
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Washington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Rothwell, Figg, Ernst & Kurz
555 Thirteenth Street N.W., Suite 701-E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Jeunemaitre, Xavier Lofton, Richard P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Lalouel, Jean-Marc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Kotelevtsev, Yuri
                                                                                                                                                                                                                                           08-JUN-1998
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Pred. No. 2.5e+02;
0; Mismatches 2;
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US-08-850-727-9/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 1.7%;
Best Local Similarity 90.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 01
FILING DATE: 07-UNN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 29-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                              APPLICATION NUMBER: US 0
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                        FILING DATE: 16-SEP-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
TELECOMMUNICATION INFORMATION: TELEPHONE: 202-962-4810
                                                                                                                                      FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
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                                                                                                                                                                         APPLICATION NUMBER:
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                                                  NAME: Ihnen, Jeffrey REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                 REFERENCE/DOCKET NUMBER:
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Miki, Yoshio
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Goldgar, David E.
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201 New York Avenue, N.W., Suite 1000
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                                                  28,957
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                                   24884-109347
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Pred. No. 2
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/319,545
FILING DATE: 7-OCT-1994
APPLICATION NUMBER: US 07/952,442
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: 1hnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 19780-10450
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ORIGINAL SOURCE:
ORGANISM: Homo
                     TOPOLOGY: lin
MOLECULE TYPE:
HYPOTHETICAL: N
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TITLE OF INVENTION: Method to TITLE OF INVENTION: to Hypertension
TITLE OF INVENTION: 22
                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC DOMPOTED FOR THE POPPY OF THE 
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CLONE: tdj1239 A
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                                                                                                                         STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
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nucleic acid
DEDNESS: single
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6165727
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1201 New York Avenue N.W., Suite 1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Lifton, Richard P.
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                                                                                                linear
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Pred. No. 2.5e+02
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; ORIGINAL SOURCE:
; ORGANISM: Hom
US-09-429-034-19
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RESULT 305
US-09-280-805-258/c
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US-09-280-805-251/c
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Patent No. 6184212
GENERAL INFORMATION:
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Best Local Similarity
Matches 18; Conserv
                                                                                                                               Matches
                                                                                                                                              Best
                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                  NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKST NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/04
FILING DATE: March 26, 19
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS
SOFTWARE: WORDDERFECT 6.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
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APPLICANT: Graham, Berett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                               ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: herewi
                                                                                                                                           Local
                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 08053
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                                                                                              543 TCAGCCTCCCAAGTAGCTGG 562
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                                                                  TCAGCCTCCCAATTAGCTTG 1
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ilarity 90.0%;
Conservative (
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26, 1998
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                                                                                                                                              Score 16.8;
Pred. No. 2.
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Pred. No. 2
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Sequence 258, Application US/09280805 Patent No. 6184212 GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

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US-09-280-805-262/c
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US-09-280-805-258
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Patent No. 6184212
GENERAL INFORMATION:
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APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
           CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                  APPLICANT:
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ITLE OF INVENTION: EXPRESSION
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CITY: Marlton
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TOPOLOGY: Lin
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CLASSIFICATION:
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REFERENCE/DOCKET NUMBER: ISPH-0346
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                                           COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
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Nucleic Acid
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                                                                                                                                                                    Marlton
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                                                                                                                                                                                   66 East Main Street
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                                                                                                                                      U.S.A.
                                                                                                                                                                                                                                                                                Graham, Brett
                                                                                                                                                                                                                                                                                  Loren J. Miraglia, Pamela Nero, Mark J. Graham, Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Yes
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                                                                                                                                                                                                     Law Offices of Jane Massey Licata
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herewith
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ANTISENSE MODULATION OF HUMAN MDM2
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             US/09/280,805
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Pred. No. 2.
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RESULT 307
US-09-280-805-265/c
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Best Local Similarity 90.0%;
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                                                                            TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09,
FILING DATE: March 26,
                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/0
FILING DATE: March 26, 1
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTERNSE MODULATION OF HUMAN TITLE OF INVENTION: EXPRESSION
                                                                                                                        NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
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                                            SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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REGISTRATION NUMBER:
            LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: herewi
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Linear
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Pred. No. 2
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Best Local S
Matches 18
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                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/480,655
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/049,678
FILING DATE: 16-APRIL-1993
APPLICATION NUMBER: US/07/890,719
FILING DATE: 29-MAY-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: KENNETH H. SONNENFELD
REGISTRATION NUMBER: 33,285
REFERENCE/DOCKET NUMBER: 1829-4001US2
TELECOMMUNICATION IMFORMATION:
TELEPHONE: 212-451-8513
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/455,683
FILING DATE: 07-Dec-1999
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BREAKEFIELD, XANDRA, O;
SLAUGENHAUPT, SUSAN
TITLE OF INVENTION: USE OF GENETIC MARKERS TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES
                                                                                                                                                                                                                                                                                              TOPOLOGY: UNKNOWN MOLECULE TYPE: OLIGONUCLEOTIDE HYPOTHETICAL: No
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
                                                                                                                                                                                                                 PUBLICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GCCTGCCTCGGCCTCCCAAA 861
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
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                                                                                               MAP OF HUMAN 9Q
                                                                                                                                   OZELIUS, LAURIE;
HAINES, JONATHAN
                                                                                                                                                                          AUTHORS: KWIATKOWSKI, DAVID J;
HENSKE, ELIZABETH P; WEIMER, KIM;
                                                                                                                                                                                                                                     NAME/KEY: PRIMER SEQUENCE FOR D9S58 LOCUS LOCATION: CHROMOSOME 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: FLOPPY DISK
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nilarity 90.0%;
Conservative (
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229-240
1992
                                                                                                                   CONSTRUCTION OF A GT POLYMORPHISM
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                                                                                                                                                          LAURIE; GUSELLA,
                                                                             GENOMICS
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Pred. No. 2.5e+02;
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                                                                                                                                                        JAMES J;
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RESULT 310
US-09-662-250A-75
; Sequence 75, Application US/09662250A
parent No. 6368856
parent No. 6368876N:
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                                                                                                                       US-09-662-250A-75
                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
SEQ ID NO 75
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Brett P. Mon:
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANT
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SEQ ID NO 233
LENGTH: 20
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APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
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Matches 18; Conserv
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                                                                                    Query Match
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CURRENT APPLICATION NUMBER: US/09/662,250A
CURRENT FILING DATE: 2000-09-14
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
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                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
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                                                                  Y Match 1.7%;
Local Similarity 90.0%;
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Local Similarity 90.0%;
les 18; Conservative
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675 TCACTGCAACCTCTGCCTCC 694
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                                                    Conservative
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Pred. No. 2.5e
0; Mismatches
                                                                      Score 16.8; DB 1;
Pred. No. 2.5e+02;
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Pred. No. 2.
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RESULT 311
US-09-798-096-16
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US-09-780-175-24/c
                                                                                                                                               RESULT 313
US-09-780-173A-19/c
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Patent No. 6399378
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2
FILE REFERENCE: RTS-0207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 24, Application US/09780175
Patent No. 6440738
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
SEQ ID NO 24
LENGTH: 20
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Best Local
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                                                                                               GENERAL INFORMATION:
                                                                                                           Sequence 19, Application US/09780173A Patent No. 6455307
                                                                                                                                                                                                                                                                                     Matches
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Best Local Similarity
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CURRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 16
LENGTH: 20
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CURRENT FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 154
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF
                              APPLICANT: Robert McKay
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/780,173A
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 2.5e+02;
0; Mismatches 2;
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Pred. No. 2
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US-09-780-173A-21/c
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                                                               ; OTHER INFORMATION: US-09-780-049-83
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                                                                                                                                                                                                                                                                                                                                                                             RESULT 315
                                                                                                                            SEQ ID NO 83
LENGTH: 20
TYPE: DNA
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NUMBER OF SEQ ID NOS:
SEQ ID NO 19
LENGTH: 20
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Best Local Similarity
Matches 18; Conserv
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LENGTH: 20
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                              Query Match
                 Best
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: SUSAN M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION
FILE REPERENCE: RTS-0165
                                                                                                                                                                            FILE REFERENCE: RTS-0134
CURRENT APPLICATION NUMBER: US/09/780,049
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 96
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CURRENT FILING DATE: 2001-02-08
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ORGANISM: Artificial
FEATURE:
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ORGANISM: Artificial Sequence
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                                                                                                             ORGANISM: Artificial Sequence
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               Local Similarity
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1.7%;
ilarity 90.0%;
Conservative
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                                                                                 Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 16.8; DB 1;
Pred. No. 2.5e+02;
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Pred. No. 2.5e+02,
0; Mismatches
 Score 16.8; DB 1;
Pred. No. 2.5e+02;
0; Mismatches 2;
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                                Length 20;
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Best Local S
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APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 52
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
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CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILLING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
                                                                                                                                          COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                    PRIOR APPLICATION DATA:
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                                      FILING DATE:
                                                                                                            APPLICATION NUMBER: FILING DATE: 15-AP
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                                                                                                                                                                                                                                                                  CITY: Arlington
STATE: Virginia
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6545137
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1100 No. 6545137th Glebe Road, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Todd, John A
Hess, John W
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 NUMBER:
                                                                                                           15-APR-1998
                                      15-APR-1997
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US 60/048,740
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Pred. No. 2.
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RESULT 318
US-09-402-923A-302/c
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GENERAL INFORMATION:
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Best Local Similarity 90.0%;
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-
TELECOMMUNICATION INFORMATION:
TWLEPHONE: (703)816-4091
INFORMATION FOR SEQ ID NO: 302: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: U$/09/402,923A
APPLICATION NUMBER: U$/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: U$ 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: U$ 60/048,740
FILING DATE: 05-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: · linear
                                                                                                                                 ATTORNEY/AGENT INFORMATION: NAME: B.J.Sadoff
                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                    TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                           NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: US
ZIP: VA 22201-4714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
OF INVENTION: NO. 6555654el LDL-Receptor
                                   TELEPHONE: (703)816-40
TELEFAX: (703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
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Hess, John W
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Hammond, Holly
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                                                        (703)816-4091
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Charles
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Pred. No. 2.
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US-09-953-318-98
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                                                     ; FEATURE:
; OTHER INFORMATION: Forward primer in Example
US-09-911-935C-16
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US-09-911-935C-16/c
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Best Local Similarity 90.0
Matches 18; Conservative
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LENGTH: 20
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GENERAL INFORMATION:
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Andrew T. Watt TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTITLE OF INVENTION: EXPRESSION FILE REFERENCE: RTS-0232 CURRENT APPLICATION NUMBER: US/09/953,318 CURRENT FILING DATE: 2001-09-13
                                                                                                                                                                                                                                                   FILE REFERENCE: 9855-32U2
CURRENT APPLICATION NUMBER: US/09/911,935C
CURRENT FILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: US 60/122,301
PRIOR FILING DATE: 1999-03-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: C. APPLICANT: A
                                                                                                                                                                                                                                                                                                                                          APPLICANT: GUO, Yong Jun
TITLE OF INVENTION: ODC Allellic Analysis Method for Assessing Carcinogenic Suscepti
                                                                                                                                                                                                                                                                                                                                                             APPLICANT: O'BRIEN, Thomas APPLICANT: GUO, Yong Jun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 154
                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 09/516,357
PRIOR FILING DATE: 2000-03-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                          FTWARE: PatentIn version 3.1 ) ID NO 16 ENGTH: 20
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                                                                                                                             DNA
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TYPE: nucleic acid
STRANDEDNESS: single
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 1.7%;
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Pred. No. 2.5e+02;
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Pred. No. 2.5e+02;
D; Mismatches 2;
 Score 16.8; DB 1;
Pred. No. 2.5e+02;
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                    Length 20;
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RESULT 321
PCT-US95-10202-9/c
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                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
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TITLE OF INVENTION:
IMMEDIATE SOURCE:
                                  ORIGINAL SOURCE:
ORGANISM: Hom
                                                                                                                                         SEQUENCE CHARACTERISTICS LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 12-AUG-199
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                                                                            MOLECULE TYPE:
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                                                               HYPOTHETICAL:
                                                                                                                                                                                                                                      NAME: Ihnen, Jeffrey L. REGISTRATION NUMBER: 28 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 08/409,305 FILING DATE: 24-MAR-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE
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                                                                                                             STRANDEDNESS:
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01 New York Avenue, N.W., Suite 1000
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in the 17q-Linked Breast and Ovarian Cancer
Susceptibility Gene
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PCT-US95-10202-9
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APPLICATION NUMBER: US 08/409,305
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08-308,104
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Best Local (
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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APPLICANT:
APPLICANT:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                              FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 244
                                                                                                                                                                                                                         APPLICATION NUMBER: US 08-300,10.
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/300,266
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CORRESPONDENCE ADDRESS:
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                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: 202-962-4810
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PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
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ZIP: 20005
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Goldgar, David E.
Miki, Yoshio
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12-AUG-1994
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Pred. No. 2.
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Best Local Similarity 90.0%;
Matches 18; Conservative
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ORGANISM: Hom
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APPLICATION NUMBER: 1
FILING DATE: 07-JUN-
PRIOR APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CUREDY APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10220
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ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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APPLICANT:
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PRIOR APPLICATION NIMBER: US 08/348,824
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HYPOTHETICAL: NO
                                                                FILING DATE: 02-SEP-1994 PRIOR APPLICATION DATA:
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             ATTORNEY/AGENT INFORMATION:
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                             APPLICATION NUMBER: US 0
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                                                                                                 APPLICATION NUMBER:
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Futreal, P. Andre
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Shattuck-Eidens, D.
Tavtigian, Sean V.
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Goldgar, David E.
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                                                                                                 US 08/300,266
                                                  US 08/289,221
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Pred. No. 2.
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RESULT 325
US-09-078-294-2/c
; Sequence 2, Application US/09078294
""" ant No. 6265211
""" ant No. 6265211
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Best Local Similarity
Matches 18; Conserv
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Patent No. 6537751
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 6639
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Du Sart, Desiree
APPLICANT: Cancilla, Michael R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: upstream amplification primer 99-14743 for SEQ 2705,
                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: primer_bind
LOCATION: 1..21
                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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CLONE: tdj1239 A
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TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL: N
ORIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      POPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         681 CAACCTCTGCCTCCCGGGTT 700
                                                                                                                                                                                                                  313 GTGGTAGAAACAGGGTTTCA 332
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                                                                                                                                                                                 21 GTGGTAGAAAAAGGCTTTCA 2
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                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                     1.7%; Score 16.8; DB 1; 90.0%; Pred. No. 2.7e+02;
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0; Mismatches
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Pred. No. 2.5e+02;
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US-09-078-294-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence:Synthetic US-09-156-253-45
                                US-09-161-443-46
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 19
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SEQ ID NO 45
LENGTH: 18
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APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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Matches 16; Conserv
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Query Match
                                                                                                                               SEQ ID NO 46
                                                                                                                                                                                                                                                                            Sequence 46, Application US/09161443A Patent No. 6020198
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Monia, Brett P.
APPLICANT: Baker, Brenda F.
APPLICANT: Baker, Brenda F.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: Antisense Modulation of CREL Expression
FILE REFERENCE: RTS-0010
CURRENT APPLICATION NUMBER: US/09/156,253C
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE FILE REFERENCE: Davies Col CURRENT APPLICATION NUMBER: US/09/078,294 CURRENT FILING DATE: 1998-05-13
                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/161,443A
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47
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                                                               LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    645 CAGGCTGGAGTGCAGTGGC 663
                                                                                                                                                                                                                                                                                                                                                                                                                 385 TCCCAAAGTGCTGGGATT 402
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l Similarity 94.4%;
17; Conservative
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                                                   Antisense Oligonucleotide
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   1.7%; Score 16.4;
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Pred. No. 2.4e+02;
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Pred. No. 2
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     Length 18;
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US-09-544-398B-220/c
; Sequence 220, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ś
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                                                                                                         RESULT 330
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US-09-630-706-94
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US-09-161-443-47/c
                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide US-09-630-706-94
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Best Local S
Matches 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 94, Application US/0s
Patent NO. 6277640
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
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Matches
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SEQ ID NO 47
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APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0011
CURRENT APPLICATION UNMERS: US/09/161,443A
CURRENT FILING DATE: 1998-09-25
                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 94
LENGTH: 18
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Best Local S
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CURRENT FILING DATE: 2000-08-01
NUMBER OF SEQ ID NOS: 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION FILE REFERENCE: RTS-0053
                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
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nes 17; Conserv
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17; Conserv
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nilarity 94.4%;
Conservative (
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ilarity 94.4%;
Conservative
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cive 0; Mismatches 1;
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Pred. No. 2.4e+02;
0; Mismatches 1;
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Pred. No. 2.4e+02;
0; Mismatches 1;
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RESULT 332 US-08-767-979-10

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Sequence 10, Application US/08767979
Patent No. 5945283
GENERAL INFORMATION:
APPLICANT: Kwok, Pui-Yan
APPLICANT: Chen, Xiangning
TITLE OF INVENTION: Method for N

for Nucleic Acid Analysis Using

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APPLICANT: Little, Randall D.
APPLICANT: Little, Rabert R.
APPLICANT: Johnson, Mark L.
BY L.
APPLICANT: Johnson, Mark L.
BY L.
APPLICATION NUMBER: US/09/544,398B
CURRENT APPLICATION NUMBER: US 09/229,319
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-01-13
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 438
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens US-09-544-398B-220
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US-09-544-398B-438
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Best Local Similarity
Matches 17; Conserv
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SEQ ID NO 220
LENGTH: 18
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Patent No. 677046
                                                                                   Matches
                                                                                                       Best Local Similarity
                                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/544,398B CURRENT FILING DATE: 2002-06-10 PRIOR APPLICATION NUMBER: US 09/229,319 PRIOR FILING DATE: 1999-01-13 PRIOR APPLICATION NUMBER: US 60/071,449 PRIOR FILING DATE: 1998-01-13 PRIOR FILING DATE: 1998-01-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Carulli,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/105,511 PRIOR FILING DATE: 1998-10-23
                                       392 GTGCTGGGATTACAGGCG 409
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Little, Randall D.
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                                                                                   Conservative
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                                                                                                    1.7%;
94.4%;
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Pred. No. 2.4e+02;
                                                                                                       Score 16.4; DB 1; Pred. No. 2.4e+02;
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                                                                                   Mismatches
                                                                                                                        Length 18;
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US-09-295-026-10
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                                                                                                                                                                                              Sequence 10, Application US/0929
Patent No. 6177249
GENERAL INFORMATION:
APPLICANT: Kwok, Pui-Yan
                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
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TELEPAX: 314-727-6092
TINFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/767,979
FILING DATE: 17-DEC-1996
CLASSIFICATION: 455
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "D185; SYNTHETIC

DESCRIPTION: MUCLEOTIDE SEQUENCE COMPLEMENTARY TO NUCLEOTIDES 21-39 IN SEQ ID

DESCRIPTION: NO:8 AND SEQ ID NO:9; 5'END FLUORESCEIN LABELED CYTOSINE;"

HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Holland, Donald R REGISTRATION NUMBER: 35,197 REFERENCE/DOCKET NUMBER: 96 TELECOMMUNICATION INFORMATION: TELEPHONE: 314-727-5188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Howell & Haferkamp, L.C.
STREET: 7733 Forsyth Boulevard, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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CITY: St.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
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OTHER INFORMATION:
OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION:
                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Howell & Haferkamp, L.C.
STREET: 7733 Forsyth Boulevard, Su
                                                                                                                                          TITLE OF INVENTION: Method for Nucleic Acid Analysis Using Fluorescence Resonance Energy Transfer
                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                   677 ACTGCAACCTCTGCCTCC 694
                                                                                                                                                                                                                                                                                                                                                                                                                          17;
                                                                                                                                                                                                                                                                                                                                               2 ACTGCAAGCTCTGCCTCC 19
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             STATE: MO
COUNTRY: USA
ZIP: 63105-1817
                                                   CITY: St. Louis
                                                                                                                                                                                                                                                    Application US/09295026
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                                                                                                                                                                                 Chen,
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LABELED CYTOSINE;"
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                                                                       Suite 1400
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US-08-741-406-8/c
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Patent No. 5721118
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "D18S8 PROBE; SYNTHETIC
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ---
                   . SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/741,40
                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                           APPLICANT: Scheffler, Immo E.
TITLE OF INVENTION: Mammalian Artificial Chromosomes
TITLE OF INVENTION: Methods of Using Same
                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                 CITY: San Diego
STATE: California
                                                                                                                                                               COUNTRY:
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MEDIUM TYPE: Floppy disk
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FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Holland, Donald R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
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LOCATION:
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TELEFAX: 314-727-6092
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                                                                                                                                                                 United States
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                     US/08/741,406
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Pred. No. 2.5e+02
                                                           Version #1.25
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US-09-024-472-8/c
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ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REPERENCE/DOCKET NUMBER: P-UD 2317
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEPAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 8, Application US/09024472 Patent No. 6133503
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Best Local S
                                                                                                              FILING DATE:
APPLICATION NUMBER: US 08/550,717
FILING DATE: 31-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-UD 2317
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                              TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #11.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                CLASSIFICATION: PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
              STRANDEDNESS:
                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                              ENGTH:
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1 Similarity 94.4%;
17; Conservative
            nucleic acid
DEDNESS: single
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                                              20 base pairs
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linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Artificial Chromosomes
                                                                                                                                                                                                                                                                                                                                                                                         Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
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US-09-479-005A-270
                                                                                                                                                     US-09-347-114A-91
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                                                                                                                                                                                      SEQ ID NO 91
LENGTH: 17
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBHB00-884-C
CURRENT APPLICATION NUMBER: US/09/479,005A
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR APPLICATION NUMBER: US 09/159,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.0 SEQ ID NO 270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                vequence 270, Application US/09479005A Patent No. 6656731
                                                                        Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 91, Application US/09347114A Patent No. 6297014
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Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                             FILE REFERENCE: P07 41878
CURRENT APPLICATION NUMBER: US/09/347,114A
CURRENT FILING DATE: 1999-07-02
NUMBER OF SEQ ID NOS: 110
                                                                                                                                                                                                                                                                                                                                          APPLICANT: Maren T. Scheuner (Inventor)
APPLICANT: Jerome I. Rotter (Inventor
APPLICANT: Huiying Yang (Inventor)
TITLE OF INVENTION: Genetic Test to Determine
TITLE OF INVENTION: No. 6297014-responsiveness to Statin Drug Treatment
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 16
TYPE: RNA
                                                                                                                                                                                                                                                     SOFTWARE:
                                                                                                                                                                        ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 209 GGCTGGTCTCGAACTC 224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              316 GTAGAAACAGGGTTTCAC 333
                                  939 GTTACCCAGGCTGGAG 954
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GGCUGGUCUCGAACUC 16
                                                                                                                                                                                                                                                     FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kent D. Taylor (Inventor)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                          ilarity 100.0%;
Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                         1.6%; Score 16; DB 1; I
100.0%; Pred. No. 2.4e+02;
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Pred. No. 2.7e+02;
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Pred. No.
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RESULT 338
US-08-529-878B-33/c
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US-09-091-952A-86/c
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Patent No. 593255
                                                                                                                                                                                                                                                                                               Sequence 86, Application US/09091952A Patent No. 6458532 GENERAL INFORMATION:
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APPLICANT: Tam, F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: REGULATION OF CD28 EXPRESSION
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,8:
FILING DATE: 13-SEP-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: unknown MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Fish, Robert D.
REGISTRATION NUMBER: 33,880
REFERENCE/DOCKET NUMBER: 21:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-525-3433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH:
                                                                                           Berrettini, Wade H.
Yoshikawa, Takeo
Sanders, Alan R.
Esterling, Lisa E.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic
Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
                                                                                                                                                                                                                                                               APPLICANT: Detera-Wadleigh, S
Gershon, Elliot S.
                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                              872 TACAGGCGTGAGCCAC 887
                                                                                                                                                                                                                                                                                                                                                                                                                            18 TACAGGCGTGAGCCAC 3
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             CITY: San Francisco
STATE: CA
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COUNTRY: USA
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                                                                                                                                                                                                                                       Badner, Judith A.
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2.6e+02;
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APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Lexic E. Swayze
APPLICANT: Lex M. Cowsett
ITILS OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR FILING DATE: 1998-09-29
INUMBER OF SEQ ID NOS: 249
SEQ ID NO 234
LENGTH: 20
TYPE: DNA
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                                       ; OTHER INFORMATION:
US-09-496-694B-234
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Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 234, Application US/09496694B Patent No. 6335194
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                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 86:
SEQUENCE CHARACTERISTICS:
                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ...
                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/091,952A
FILING DATE: 19-Apr-1999
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
APPLICATION UNUBER: US 60/029,278
FILING DATE: 28-CCT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-OCT-1997
ATTORNEY/AGENT INFORMATION:
NUMBER: CETT-1097
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MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: DOS
SOPTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      635 CTCTGTCACCCAGGCT 650
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Smith, Timothy L. REGISTRATION NUMBER: 35,367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
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                                                            Antisense Oligonucleotide
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100.0%; Pred. No.
     1.6%; Score 16;
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Q ID NO: 86:
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2.7e+02;
       DB 1;
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       Length 20;
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US-08-222-177A-353/c
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                                                                                                              US-08-756-728A-1
                                                                                                                               RESULT 342
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                                                              Sequence 1, Application US/08756728A Patent No. 5821354
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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APPLICANT: Leclerc, APPLICANT: Martel, I TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: .09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEPAX: (608) 831-2106
TELEX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIIM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: PC COMPATION
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNDER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                     IMMEDIATE SOURCE:
CLONE: mfd111p1
                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Sara, Charles S
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: double TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
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                                              Leclerc,
                                                                                                                                                                                                                                                                                                                                                    DNA (genomic)
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                                 Remi
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 RADIOLABELED DNA OLIGONUCLEOTIDE, METHOD OF PREPARATION AND THERAPEUTIC USES THEREOF
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                                                                                                                                                                                                                                                        Score 15.8;
Pred. No. 2.
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); Mismatches 0;
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                                                                                                                                                                                                                                                        DB 1;
.8e+02;
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GENERAL INFORMATION:
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LENGTH: 19 base pairs
TYPE: nucleic acid
                                                     COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
                                                                                                                                                                          ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1398-1-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/756,728A
FILING DATE: 26-NOV-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                   STREET: 444 South | CITY: Los Angeles STATE: CA COUNTRY: USA
                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark STREET: 444 South Flower Street, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Evans, Glen A.

APPLICANT: Smith, Michael W.

TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
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TELEFAX: Zv.
TEX: 133521
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 411 Hackensack Avenue, 4th Floor CITY: Hackensack
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89.5%; Pred. No. 2.8;
ative 0; Mismatches
    US 08/078,471
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FILING DATE: 15-JUN-1993 ATTORNEY/AGENT INFORMATION:

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Best Local Similarity
Matches 17; Conserv
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                                                                                                                 PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/295,509

FILING DATE: 24-AUG-1994

ATTORNEY/AGREY INFORMATION:

NAMB: Michael P. Straher

REGISTRATION NUMBER: 38,325

REFERENCE/DOCKET NUMBER: ISIS-20

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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                                                                  TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                         ZIP: 1910
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: OI HYPOTHETICAL: NO ANTI-SENSE: NO
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LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                               SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEB: Woodcock Washburn Kurtz Mackiewicz & No. 5874213ris LLP STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Griffey, Richard.
APPLICANT: Srivatsa, Susan G.
TITLE OF INVENTION: Capillary Electrophoretic Detection of
TITLE OF INVENTION: Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cummins, Lendell
APPLICANT: Freier, Susan M.
                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/469,852A FILING DATE: 06-JUN-1995 CLASSIFICATION: 435
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           TYPE: nucleic acid
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 STRANDEDNESS:
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215-568-3439
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                                                                       <u>ب</u>
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Pred. No. 2.
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Query March
Best Local Similarity 89.50.
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US-08-271-882B-16
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                                               Query Match
Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFOR APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: 1
                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: WOIGHTAN DATA:
CURRENT APPLICATION NUMBER: US/08/
APPLICATION NUMBER: US/08/
APPLICATION NUMBER: July 7, 1994
                                                                                                                                                                                                                                                   NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/146,504 FILING DATE: No. 6017696ember ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM COMPAGIALIAG
OPERATING SYSTEM: IBM P.C. DOS (Version
SOFTWARE: WordPerfect (Version 5.1)
                                                                                                                                                      TYPE: nucleic TYPE: acid
                                                                                                                                                                                                                           TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: J
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Los Angeles
STATE: California
                                                                                                                          STRANDEDNESS: single TOPOLOGY: linear
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                           TTTTTATTTATTTTTTT 445
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Glen A. Evans
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Eugene Tu
                                                       Conservative
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                                                                   1.6%;
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SELF-ASSEMBLING
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                                                       0; Mismatches
                                                                                                                                                                                                                                                                                   207/263
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Pred. No. 2
                                                                   Score 15.8;
Pred. No. 2.8
                                                                      2.8e+02
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                                                                                  Length 19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-295-509B-2
                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Leeds, Janet M
APPLICANT: Cummins, Lendell L
TITLE OF INVENTION: Fluorescence Based Nuclease Assay
FILE REFERENCE: ISIS3308
                                                                                                                                                                                                                                                                        Sequence 1, Application US/09234237 Patent No. 6127124
                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                   SEQ ID NO 1
LENGTH: 19
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                                                                                                               FILE REFERENCE: ISIS3308
CURRENT APPLICATION NUMBER: US/09/234,237
CURRENT FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 1
NOSITMARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Sequence
                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995ris
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     215-568-3439
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Pred. No. 2.
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US-09-016-520-21
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Best Local Similarity 89.5%;
Matches 17; Conservative
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LENGTH: 19
                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 21
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Best Local Similarity
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CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                                                                                                                                                                           APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
FILE REFERENCE: ISIS2824
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APPLICANT: Manoharan, Muthiah
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                                                           NAME/KEY: misc_feature
LOCATION: (15)..(18)
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                    LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                       TYPE: DNA
                                                                                                                                                           ENGTH:
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Pred. No. 2.8e+02
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Pred. No. 2.8e+02;
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APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 60/037,143
VUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 10
                                                           CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
FEARLIER APPLICATION NUMBER: 60/037,143
FEARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 23
LENGTH: 19
TYPE: DNA
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US-09-016-520-22
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US-09-016-520-23
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Best Local Similarity 89.5
Matches 17; Conservative
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GENERAL INFORMATION:
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Patent No. 6127533
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APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                                                                                             FILE REFERENCE: ISIS2824
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LOCATION: (15)..(18)
OTHER INFORMATION: 2'-methoxyethoxy
FEATURE:
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                                   FEATURE:
                                            ORGANISM: Artificial Sequence
AME/KEY: misc_feature
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nes 17; Conserv
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nilarity 89.5%;
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Pred. No. 2.
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Pred. No. 2.8e+02;
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 ORGANISM: Artificial Sequence
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RESULT 353
US-09-016-520-25
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SEQ ID NO 24
LENGTH: 19
TYPE: DNA
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APPLICANT: Cook, Ph
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 25
LENGTH: 19
TYPE: DNA
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Best Local Similarity
                                                                                           APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
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CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
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                                                                               NUMBER OF SEQ ID NOS: 47
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Local Similarity 89.5%;
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Pred. No. 2
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Pred. No. 2.8e+02;
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Best Local S
Matches 17
                                                                                                                                     Sequence 27, Application US/09016520A
Patent No. 6127533
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonuclectides
FILE REFERENCE: ISIS2824
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Best Local Similarity 89.5%;
Matches 17; Conservative (
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SEQ ID NO 26
LENGTH: 19
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 27
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Patent No. 6127533
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-09-016-520-25
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APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION UMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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NAME/KEY: misc_feature
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OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
FEATURE:
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OTHER INFORMATION: 5-methyl-2'-O-propyl
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Pred. No. 2.8e
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Pred. No. 2.8e+02;
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US-09-016-520-33
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LENGTH: 19
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APPLICANT: Cook, Phillip D
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
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NAME/KEY: misc_feature
LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
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Pred. No. 2.8e+02;
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US-09-016-520-34
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US-09-016-520-44
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; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-09-016-520-34
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SOFTWARE: PatentIn Ver.
SEQ ID NO 33
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GENERAL INFORMATION:
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Best Local Similarity 89.5%;
Matches 17; Conservative
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LENGTH: 19
                                                                                                                  Sequence 44, Application US/09016520A Patent No. 6127533
GENERAL INFORMATION:
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APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT APPLICATION NUMBER: 09/037,143
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
                      APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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ORGANISM: Artificial Sequence
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CURRENT APPLICATION NUMBER: US/09/016,520A
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Pred. No. 2.8e
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SEQ ID NO 44
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Patent No. 6136530
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                                 Matches
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                                            Query Match
Best Local Similarity
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EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (15)...(18)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: 2'-methyleneiminooxyethoxy
                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REFERENCE/DOCKET NUMBER: 4-1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                 TYPE: n
                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: No. 61 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: Texas
ZIP: 75201-6776
                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 2200
CITY: Dallas
                                                                                                                                                                                                                                                                                                                                          SOFTWARE:
                                                                                                   TOPOLOGY:
                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                      TELEPHONE: 214/740-8785
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    389 AAAGTGCTGGGATTACAGG 407
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                                                                                                                               nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          3: Locke Purnell Rain Harrell
2200 Ross Avenue, Suite 2200
                                                                                                                                                                                           214/740-8800
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                                 Conservative
                                                                                                                                                                                                                                                                                                                                          PatentIn Release #1.0,
                                                                                                     linear
                                                                                                                                                                                                                                                                                               No. 6136530ember 27,
                                                                                                                   single
                                                                                                                                                                                                                                                                                   435
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89.5%; Pred. No. 2.8¢
ative 0; Mismatches
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                                              1.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Shirley E.
                                                                                                                                                                                                                                                                                                                US/08/757,223
                              Score 15.8; DB 1
Pred. No. 2.8e+02
0; Mismatches
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                                                             DB 1;
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19 AAAGTGGTGGGGTTACAGG 1

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RESULT 361
US-08-757-223-12/c
; OTHER INFORMATION: Description of Artificial Sequence: antisense; OTHER INFORMATION: sequence US-09-378-568-4
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NAME: MAYTIELD, Denise L.
REFERENCE/DOCKET NUMBER: 4-003US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 214/740-8785
TELEPHONE: 214/740-8800
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: mucleic acid
STRANDEDNESS: single
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Patent No. 6136530
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew M
APPLICANT: Cook, Phillip Dan
APPLICANT: Cook, Phillip Dan
APPLICANT: Fraser, Allister S
APPLICANT: Praksah, Thazha P
TITLE OF INVENTION: 2'.0-acetamido Modified Monomers and Oligomers
                                                                                                                                                        CURRENT FILING DATE: 1999-08-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/09378568 Patent No. 6147200
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Best Local :
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,223
FILING DATE: No. 6136530ember 27, 1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                        FILE REFERENCE: ISIS4071
                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/378,568
                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                       FEATURE:
                                                                                                                                        ENGTH: 19
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ASSESSING RISK
TITLE OF INVENTION: FACTORS IN ALZHEIMER'S DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 1:
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STATE: Texas
ZIP: 75201-6776
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        697 GGTTCAAGTTATTCTCCTG 715
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Similarity 89.5%;
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SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 20

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5 methyl, 2'-aminooxyethoxy
OTHER INFORMATION: 5 sequence
US-09-130-973-20
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US-09-130-973-20
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                                                                                                                                            SOFTWARE: PASEQ ID NO 21
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Manchari
APPLICANT: Cook, P
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Best Local Similarity 89.5%;
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                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Prakash, Thazha P
APPLICANT: Kawaaski, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS3955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                         TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides TITLE OF INVENTION: Making Same FILE REFERENCE: ISIS2955
                                                      FEATURE: NAME/KEY: misc_feature LOCATION: (15)..(18)
                OTHER INFORMATION: 5 methyl, 2'-dimethylaminooxyethoxy OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                          ORGANISM: Artificial Sequence
INFORMATION: Descript: INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  427
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Cook, Phillip Dan
Prakash, Thazha P
Kawasaki, Andrew M
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                                                                                                                                                                                   PatentIn Ver. 2.1
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Pred. No. 2.8e+02;
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Pred. No. 2.8e+02;
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                      6172209el
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CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 23
LENGTH: 19
Typp: ....
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US-09-130-973-22
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APPLICANT: Manchari
APPLICANT: Cook, phi
APPLICANT: Prakash,
APPLICANT: Kawasaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 17; Conserv
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Sequence 22, Approx
-- No. 6172209
                                                                                                                                                                                                                                                                                                                          Patent No. 6172209
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Cook, Phillip Dan
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Best Local Similarity 89.5%;
                                                                                                                                                                                                                                                                                                                                                                                                Sequence 23, Application US/09130973 Patent No. 6172209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For TITLE OF INVENTION: Making Same FILE REFERENCE: ISI82955
                                                                                                                                                                                                                                                   TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For TITLE OF INVENTION: Making Same FILE REFERENCE: ISIS2955
                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 2'-O-methoxyethyl (MOE)
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
OTHER INFORMATION: 2'-O-dimethylaminooxyethyl OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Sequence
                                                  FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(19)
                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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Kawasaki, Andrew M
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Cook, Phillip Dan
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Pred. No. 2.8e+02;
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Pred. No. 2.8e+02
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                    No. 6172209el
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                                                                                                           SEQ ID NO 25
LENGTH: 19
TYPE: DNA
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LENGTH: 19
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Best Local Similarity
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Best Local
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APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
                                                                                                                                                                                                                                                                                                                                                                                          Sequence 25, Appli
Patent No. 6172209
                                                                                                                                                                                                                                APPLICANT.

TITLE OF INVENTION: Aminuca,

TITLE OF INVENTION: Making Same
TITLE OF INVENTION: 1SIS2955
                                                                                                                                                                                                                                                                                        APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
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CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
                                                                                                                                                                 FILE REFERENCE: ISI82955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-O-methoxyethyl
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
OTHER INFORMATION: Sequence
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-O-propyl
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
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                                                                                           ORGANISM: Artificial Sequence
                                                                            FEATURE:
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89.5%;
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Aminooxy-Modified Oligonucleotides And Methods
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Pred. No. 2
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Pred. No. 2.8e+02
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OTHER INFORMATION: 5 methyl, 2'-dimethylaminooxyethyl; OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Sequence US-09-130-973-26
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Patent No. 6172209
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Kawasaki, Andrew M
APPLICANT: Kawasaki, Andrew M
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US-09-130-973-26
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US-09-130-973-27
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Best Local S
Matches 17
                                                                                                                        SOFTWARE:
SEQ ID NO 27
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SEQ ID NO 26
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Best Local Similarity
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APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver: 2.1
                                                                                                                                                                                                              TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For TITLE OF INVENTION: Making Same FILE REFERENCE: ISIS2955
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CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                  NAME/KEY: misc_feature LOCATION: (18)
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OTHER INFORMATION: 5 methyl, 2'-O-methoxyethyl
                                                       FEATURE:
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                                                                                                           LENGTH:
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Pred. No. 2.8e+02
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Pred. No. 2
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; OTHER INFORMATION: Description of Artificial Sequence; OTHER INFORMATION: Sequence US-09-130-973-27
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US-09-130-973-31
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Sequence 31, Apr-
No. 6172209
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APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew N
                                                                   CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 33
LENGTH: 19
TYPE: DNA
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SEQ ID NO 31
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Best Local Similarity 89.5%;
Matches 17; Conservative
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Best Local Similarity 89.5%;
Matches 17; Conservative
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CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: PatentIn Ver: 2.1
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                                                                                                                                                                                                               TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For TITLE OF INVENTION: Making Same
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ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15).. (18)
OTHER INFORMATION: Description of Artificial Sequence: No. 617220
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(19)
                                                      ORGANISM: Artificial Sequence
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Cook, Phillip Dan
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Kawasaki, Andrew N
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Cook, Phillip Dan
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Pred. No. 2.
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Pred. No. 2.8e+02
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2.8e+02;
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; OTHER INFORMATION: 2'-dimethylaminooxyethyl thymidine (T-2'-DMAOE); OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el; OTHER INFORMATION: Sequence US-09-130-973-33
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US-09-130-973-44
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CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 34
LENGTH: 19
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Matches
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Best Local
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                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                              Sequence 44, Application US/09130973 Patent No. 6172209
                                                                     SEQ ID NO 44
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Mod
TITLE OF INVENTION: Making Same
                                                                                                     CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                TITLE OF INVENTION: Aminooxy-Mo
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
                                                                                                                                                                                                                                                                        APPLICANT: Manoharan, Muthiah APPLICANT: Cook, Phillip Dan
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                                                                                                                                                                                                                                        APPLICANT:
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NAME/KEY: misc feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-dimethylaminooxyethyl thymidine (T-2'-DMAOE)
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                    ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence:
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17; Conserv
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Prakash, Thazha P
Kawasaki, Andrew M
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Aminooxy-Modified Oligonucleotides And Methods For
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Pred. No. 2.8e+02;
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Pred. No. 2.8e+02;
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 No. 6172209el
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LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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Sequence 20, Apr--
Sequence 20, Apr--
Sequence 20, Apr--
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Patent No. 6194598
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Best Local
                                                                                           APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 200-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1998-01-30
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PRIOR FILING DATE: 1997-02-1
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver: 2.1
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CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
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TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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APPLICANT: Manoharan, Muthiah
PRIOR APPLICATION NUMBER: 60//
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 21
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NAME/KEY: misc feature
LOCATION: (15)...(18)
OTHER INFORMATION: 2'-O-methyleneiminooxyethyl thymidine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:

NAME KEY: misc_feature
LOCATION: (15).. (18)

OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
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IS: 47
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                                                                             60/037,143
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Pred. No. 2.8e+02
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Pred. No. 2.8e+02
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NAME/KEY: misc feature

LOCATION: (15)...(18)

OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
US-09-477-902-21
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US-09-477-902-22
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US-09-477-902-23
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                                                                      GENERAL INFORMATION:

APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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LENGTH: 19
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APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
                                                                                                                                                                                            Sequence 23, Application US/09477902 Patent No. 6194598
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Best Local Similarity
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Best Local Similarity
              FILE REPERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
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CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY: misc feature
LOCATION: (15)..(18)
OTHER INFORMATION: 2'-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE:
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ORGANISM: Artificial Sequence
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1998-01-30
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Pred. No. 2.8e+02;
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Pred. No. 2.8e+02
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US-09-477-902-23
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US-09-477-902-25
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                                                   ; Sequence 25, Applicat
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Ph
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SEQ ID NO 24

LENGTH: 19

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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SEQ ID NO 23
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Patent No. 6194598
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Best Local (
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PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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NUMBER OF SEQ ID NOS: 4'
SOFTWARE: Patentin Ver.
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APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 89.5%;
hes 17; Conservative
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Pred. No. 2.8e+02;
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US-09-477-902-26
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RESULT 382
US-09-477-902-27
; Sequence 27, Application US/09477902
; Patent No. 6194598
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LENGTH: 19
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SEQ ID NO 25
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CURRENT FILING DATE: 2000-01-05
CURRENT FILING DATE: 09/016,520
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
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SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                   OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (18)
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Pred. No. 2.8e
O; Mismatches
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Pred. No. 2.8e+02;
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.8e+02;
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence NAME/KEY: misc feature LOCATION: (15)...(18) OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy US-09-477-902-31
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CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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Best Local :
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CURRENT FILING DATE: 2000-01-05
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APPLICANT:
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PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1997-02-14
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APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                                                                                                                                                                    SOFTWARE:
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 2
    19
                                                                              Score 15.8;
Pred. No. 2.
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.8e+02;
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                                                                                             DB 1; Length 19;
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Sequence; NAME/KEY: misc feature; LOCATION: (16)...(19); OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy US-09-477-902-34
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US-09-477-902-34
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US-09-477-902-33
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CURRENT APPLICATION NUMBER: US/09/477,902

CURRENT FILING DATE: 2000-01-05

PRIOR APPLICATION NUMBER: 09/016,520

PRIOR FILING DATE: 1998-01-30

PRIOR APPLICATION NUMBER: 60/037,143

PRIOR FILING DATE: 1997-02-14

NUMBER OF SEQ ID NOS: 47

NUMBER OF SEQ ID NOS: 47
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Query Match
Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17; Conserv
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Patent No. 6194598
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CHEDENNY ADMINISTRATION: 1882824
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kawasaki, Andrew TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides FILE REFERENCE: ISIS2824
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PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
CORMANDE: DECELER OF SEQ ID NOS: 47
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CURRENT FILING DATE: 2000-01-05
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LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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TYPE: DNA
ORGANIAM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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  Conservative
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Pred. No. 2.8e+02
Score 15.8; DB 1; Length 19; Pred. No. 2.8e+02; O; Mismatches 2; Indels
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SEQ ID NO 44
LENGTH: 19
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SEQ ID NO 16
LENGTH: 19
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Best Local S
Matches 17
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OTHER INFORMATION: Description
OTHER INFORMATION: Sequence
NAME/KEY: misc feature
LOCATION: (15)...(18)
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APPLICANT:
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Patent No. 6194598
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APPLICANT: EVANS, Glen A.
TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
CURRENT APPLICATION NUMBER: US/08/726,278
CURRENT FILING DATE: 1996-10-04
                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 623862
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CURRENT FILING DATE: 2000-01-05
CURRENT PPLICATION NUMBER: 09/016,520
PRIOR APPLICATION NUMBER: 09/0137,143
PRIOR PILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
                                                                                                                                 NUMBER OF SEQ ID NOS: 44
SOFTWARE.
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APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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                                                                                                                                                             PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1994-0
OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: 2'-methyleneiminooxyethoxy
                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                        TYPE: DNA
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                                                                                                                             PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                 Tu, Eugene
                                                                                                                                                                                                                                                                                                                                                                                                       Application US/08726278
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Description of Artificial Sequence: Sequences for Labeling
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Pred. No. 2.8e
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: GENSET.18CP1CP
CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
                                                    ; OTHER INFORMATION: Description of Artificial Sequence: No. 6271358el sequence US-09-123-108-6
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                                                                                                                                                                           Sequence 6, Application US/09123108

Patent No. 6271358

GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Mohan, Venkatraman
APPLICANT: Boswell, Herb
TITLE OF INVENTION: RNA TARGETED 2'-MODIFIED OLICONUCLECTIDES THAT ARE
TITLE OF INVENTION: CONFORMATIONALLY PREORGANIZED
FILE REFERENCE: ISIS-3147 sequence listing
CURRENT FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 515, Applic
Patent No. 6265546
GENERAL INFORMATION:
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Query Match
Best Local Similarity
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APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
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NAME/KEY: misc feature
LOCATION: 1..19
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                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                             TYPE: DNA
                                                                                        FEATURE:
                                                                                                                                                ENGTH: 19
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hes 17; Conser
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Pred. No. 2.8e+02;
); Mismatches 2
 Score 15.8; DB 1;
Pred. No. 2.8e+02;
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US-09-378-665A-5
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                                                                    ; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide US-09-202-294-4
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                                                                                                                                                      SEQ ID NO 4
LENGTH: 19
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Query Match
Best Local Similarity
Matches 17; Conserv
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Patent No. 6329519
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CURRENT APPLICATION NUMBER: US/09/378,665A
CURRENT FILING DATE: 1999-08-20
NUMBER OF SEQ ID NOS: 27
                                                                                                                                                                                                                        APPLICANT: Altmann, Karl-Heinz
APPLICANT: Douglas, Mark B.
TITLE OF INVENTION: Intermediates for oligonucleotides
FILE REFERENCE: 4-20900/A/MA2134/PCT
CURRENT APPLICATION NUMBER: US/09/202,294
CURRENT FILING DATE: 1999-03-15
EARLIER APPLICATION NUMBER: PCT/GB97/01490
EARLIER APPLICATION NUMBER: PCT/GB97/01490
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APPLICANT: Kawasaki, Andrew M.
TITLE OF INVENTION: Alkylation of Alcohols,
TITLE OF INVENTION: Derivatives by Cyclic St
FILE REFERENCE: ISISA072
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                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver.
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OTHER INFORMATION: 2'-modified T
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Cook, Phillip Dan
Jung, Michael E.
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                  1.6%;
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Score 15.8; DB 1;
Pred. No. 2.8e+02;
0; Mismatches 2;
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Pred. No. 2.8e+02;
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Conservative

Indels

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Gaps

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; NAME/KEY; misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-218-207-515
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                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-357-740-2
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Patent No. 6346381
GENERAL INFORMATION:
                                                                                                                                                                                                                     EARLIER FILING DATE: 1998-01-23
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PATENTIN VEY: 2.0
SEQ ID NO 2
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SEQ ID NO 515
                                      Matches
                                                     Query Match
Best Local
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Best Local Similarity
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CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/96,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/357,740
CURRENT FILING DATE: 1999-07-20
EARLIER APPLICATION NUMBER: 09/012,525
                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Lee, Linda G.
APPLICANT: Graham, Ronald J.
APPLICANT: Mullah, Khairuzzaman B.
APPLICANT: Haxo, Francis T.
TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS
FILE REFERENCE: 9584-007
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APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET 018CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, Marta
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                                                                                                                                                            ORGANISM: Artificial Sequence
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   204 GGTCAGGCTGGTCTCGAAC 222
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Pred. No. 2.8e+02
                                                   Score 15.8; DB 1
Pred. No. 2.8e+02
                                    Mismatches
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US-09-303-586-15
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US-09-303-586-16
                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.0
SEQ ID NO 16
                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form
FILE REFERENCE: ISIS3310
CURRENT APPLICATION UMBER: US/09/303,586
CURRENT FILING DATE: 1999-05-03
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                                                                                                               ORGANISM: Artificial Sequence FEATURE: NAME/KEY: misc_feature OTHER INFORMATION: Oligonucleotide NAME/KEY: misc_feature IOCATION: (16). (17)
OTHER INFORMATION: 2' - O-MOE linkag
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
FILE REFERENCE: ISIS3310
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NUMBER OF SEQ ID NOS: 34
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CURRENT FILING DATE: 1999-05-03
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OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (16)...(17)
OTHER INFORMATION: 3' - O-MOE links
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LOCATION: (17)..(18)
OTHER INFORMATION: 3'-
NAME/KEY: misc feature LOCATION: (18)...(19) OTHER INFORMATION: 2'.
                                                                                                                                                                                                                                                     TYPE: DNA
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                                                       OTHER INFORMATION: 2' -
                                                                           NAME/KEY: misc_feature
LOCATION: (17)...(18)
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   O-MOE linkage
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Pred. No. 2.8e+02;
0; Mismatches 2;
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US-09-303-586-18
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CURRENT FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 17
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Best Local
      NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 18
LENGTH: 19
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                                                                                                        GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form
FILE REFERENCE: ISIS3310
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Best Local
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                                                                                                                                                                              Sequence 18, Application US/09303586 Patent No. 6369209
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having
FILE REFERENCE: ISIS3310
                                                                         CURRENT APPLICATION NUMBER: US/09/303,586
CURRENT FILING DATE: 1999-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: 3' - O-MOE linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature LOCATION: (19)..(19)
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OTHER INFORMATION: 3' - O-MOE linkage;
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LOCATION: (15)...(16)
OTHER INFORMATION: sub O linkage
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ORGANISM: Artificial Sequence
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TYPE: DNA
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17; Conser
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Pred. No. 2
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Best Local
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                                     Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Oligonucleotides Having A DNA Form FILE REFERENCE: ISIS3310
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CURRENT FILING DATE: 1999-05-03
                                                                                                            NAME/KEY: misc feature
LOCATION: (19)...(19)
OTHER INFORMATION: 2'-modified T linkage
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LOCATION: (18)..(19)
OTHER INFORMATION: 2'-modified T linkage
                                                                                                                                                                                                                                                                                                                               LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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LOCATION: (16)..(17)
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LOCATION: (15)..(16)
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OTHER INFORMATION: 2'-modified T linkage
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LOCATION: (18)..(19)
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TTTTATTTATTTTTTT 445
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Pred. No. 2
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Pred. No. 2.8e+02;
0; Mismatches
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Matches
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
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SEQ ID NO 1
LENGTH: 19
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                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
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Best Local Similarity
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APPLICANT:
                                                                    Matches
                                                                                                     Query Match
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TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraeer, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
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CURRENT FILING DATE: 199-01-08
NUMBER OF SEQ ID NOS: 28
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CURRENT FILING DATE: 1999-01-08
                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 28
                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No.
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NAME/KEY: misc_feature
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OTHER INFORMATION: 5-methyl- 2'- aminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
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                                                                                                                                                                                                                                                                   TYPE: DNA
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                                                                                       Similarity
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Cook, Phillip D
                                                                    Conservative
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Pred. No. 2.8e+02
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Pred. No. 2
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RESULT 401

RESULT 403 US-09-227-782-5

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                                                     Query Match
Best Local Similarity 89.5
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SEQ ID NO 4
LENGTH: 19
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APPLICANT: Fraser, A
APPLICANT: Manoharan
APPLICANT: Cook, Phi
APPLICANT: Prakash,
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SEQ ID NO 3
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Patent No. 6403779
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Best Local Similarity
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APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
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NAME/KEY: misc_feature
LOCATION: (15) . (18)
OTHER INFORMATION: 2'-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                            OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy OTHER INFORMATION: Description of Artificial Sequence: No.
                                                                                                                                                                                                FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(19)
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                                                                                                                                                                                                                                                                             TYPE: DNA
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Manoharan, Muthiah
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TTTHTTTTTTTTTTTT 19
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Pred. No. 2.8e
O; Mismatches
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Pred. No. 2.8e+02
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RESULT 405
US-09-227-782-7
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                                                                                                                                         Matches
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Patent No. 6403779
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
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APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
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TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
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LOCATION: (16)...(19)
OTHER INFORMATION: 5- methyl- 2'-O-propyl
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
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OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
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LOCATION: (16)..(19)
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ORGANISM: Artificial Sequence
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ITHE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
                                                                                                                                                                                                                                                                                                                                               D ID NO 6
LENGTH: 19
                                                                                                                                     Local Similarity 89.9 nes 17; Conservative
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Manoharan, Muthiah
Cook, Phillip D
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Pred. No. 2.8e
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Pred. No. 2.8e+02
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Sequence 7,

Application US/09227782

RESULT 407 US-09-227-782-12

; Sequence 12, Application US/09227782
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Best Local
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                                                                                          Query Match
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS3315
CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                        OTHER INFORMATION: 5- methyl- 2'-methoxyethoxy OTHER INFORMATION: Description of Artificial S
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NAME/KEY: misc_feature
LOCATION: (18)
                                                                             Local
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17; Conserv
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                                                                             Similarity
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Manoharan, Muthiah
Cook, Phillip D
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Cook, Phillip D
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                                                                             89.5%;
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                                                            Score 15.8; DB 1;
Pred. No. 2.8e+02;
0: Mismatches 2;
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US-09-227-782-15
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Best Local S
Matches 17
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 14
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Patent No. 6403779
GENERAL INFORMATION:
Sequence 15, Application US/09227782 Patent No. 6403779 GENERAL INFORMATION:
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SEQ ID NO 12
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APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS3315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
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CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No.
                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
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                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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Pred. No. 2.8e+02;
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Pred. No. 2.8e+02;
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US-09-227-782-25
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                                                                         Query Match
Best Local
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CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
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APPLICANT: Praser, Allister S
APPLICANT: Manoharan, muthiah
APPLICANT: Cook, Phillip D
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TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS3315
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NAME/KS: misc_feature
LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No.
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TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
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                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 2'-methyleneiminooxyethoxy
OTHER INFORMATION: Description of Artificial:
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Similarity
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Manoharan, Muthiah
Cook, Phillip D
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89.5%;
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Pred. No. 2.8e+02;
0; Mismatches 2;
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Pred. No. 2.8e+02
0; Mismatches
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RESULT 411
US-09-619-103-25/c
US-09-619-103-25/c
; Sequence 25, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
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US-09-918-686-92/c
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SEQ ID NO 25
LENGTH: 19
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SEQ ID NO 1
LENGTH: 19
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Best Local (
                                                   GENERAL INFORMATION:
APPLICANT: Brunkow, Mary
APPLICANT: Proll, Sean
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Best Local Similarity
Matches 17; Conserv
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CURRENT APPLICATION NUMBER: US/99/619,103
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FINE LINVENTION: Improved Process for the Synthesis of Oligomeric Compounds FILE REFERENCE: ISIS3380 CURRENT FOR NUMBER: US/09/288,679 CURRENT FILING DATE: 1999-04-09 PRIOR APPLICATION NUMBER: US/09/288,679
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TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
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TYPE: DNA
ORGANISM: Artificial Sequence
                     APPLICANT:
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PPLICANT: proll, Sean
PPLICANT: Paeper, Bryan
PPLICANT: Eaeper, Bryan
PPLICANT: Staehling-Hampton, Karen
ITLE OF INVENTION: METHODS FOR IDENTIFYING
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Cole, Douglas
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Pred. No. 2.
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Pred. No. 2.8e+02;
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SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3, Application US/09612531 Patent No. 6534639
                                                                                                                                                Sequence 7, Application US/09612531
Patent No. 6534639
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Best Local :
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CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/612;531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
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APPLICANT: Prakkash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis 4406
FILE REFERENCE: Isis 4406
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                                              APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
                                                                                                 APPLICANT: Manoharan, APPLICANT: Cook, Phi
                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (16)...19)
OTHER INFORMATION: T*=2'-O-{2-(guanidinium)ethyl}
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89.58;
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Pred. No. 2.8e+02
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Pred. No. 2;
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FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (17)...(17)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
NAME/KEY: misc_feature
LOCATION: (19)...(19)
LOCATION: (19)...(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 416
US-09-612-531-13
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                                                                                                                              US-09-060-299-157/c
                                                                                                                                               RESULT 417
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GENERAL INFORMATION:
APPLICANT: Todd, Jc
APPLICANT: Hess, Jc
APPLICANT: Caskey,
APPLICANT: Cox, Rog
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 13, Applicat Patent No. 6534639 GENERAL INFORMATION:
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PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 7
                                                                                         Sequence 157, Application US/09060299 Patent No. 6545137
                                                                                                                                                                                                                                                                                        Query Match
Best Local S
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SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 17;
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Best Local Similarity
                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: ISis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Manoharan, Muthial APPLICANT: Cook, Philip Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (19)...(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH: 19
                                                                                                                                                                                                                         427 TTTTTATTTTATTTTTT 445
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l Similarity 89.5%;
17; Conservative
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 Todd, John A
Hess, John W
Caskey, Charles T
Cox, Roger D
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Pred. No. 2.8e
0; Mismatches
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Pred. No. 2.8e+02;
0; Mismatches 2
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                                                                                                                                                                                                                                                                                                                                                RESULT 418
                                                  APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
                                                                                                                                                                                                                                                                                          Sequence 242, Application US/09060299 Patent No. 6545137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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APPLICATION NUMBER: US 60/043,553
PILING DATE: 15-APR.1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
PILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (703)816-410
INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                    APPLICANT:
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CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
mes 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (703) 616-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
       STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ropology:
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   3: Nixon and Vanderhye
1100 No. 6545137th Glebe Road, Eighth Floor
                                                                                                                                                                                                                   Todd, John A
Hess, John W
Caskey, Charles
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                                                                                                                                                                                                 Cox, Roger D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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Hammond, Holly
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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Pred. No. 2.
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Gaps

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

CITY: Arlington STATE: Virginia COUNTRY: US

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                                                                                                                                                                                                                                                                       PILE REFERENCE: ISIS-5036
CURRENT APPLICATION NUMBER: US/10/121,135
CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 89.5%; Matches 17; Conservative
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Patent No. 6552178
                                                                                                                                                                                                                                                      SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                        NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-modified T
                                                                                                                                                       OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                            FEATURE:
                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 62
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 61
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 15-APR-1997 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARB: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                    ENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 60/043,553 FILING DATE: 15-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 15-APR-1998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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  1.6%; Score 15.8; DB 1; 89.5%; Pred. No. 2.8e+02;
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Pred. No. 2.8e+02;
0; Mismatches 2;
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                    Length 19;
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US-10-121-135-26
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US-09-402-923A-157/c
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Patent No. 6552
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                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 157, Applicat Patent No. 6555654 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.1 SEQ ID NO 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/121,135
CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: 09/130,566
PRIOR APPLICATION NUMBER: 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER OF TENERS AND APPLICATION DATE: 1998-08-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 28
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APPLICANT: Cook, Phi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE: misc feature NAME/KEY: misc feature LOCATION: (16)..(19) OTHER INFORMATION: 2'-O-[2-N,N-dimethylaminoethyl) oxyethyl]-5-methyl uridine (2 OTHER INFORMATION: -sub-T)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: ISIS-5036
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PHICANT: Cook, Phillip Dan
TLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides
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                                                                                                                                                        Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: NO. 6555654el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Todd, John A
Hess, John W
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                                                                                   ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe
CITY: Arlington
STATE: Virginia
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                                                   COUNTRY: US
ZIP: VA 22201-4714
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                                                                                                                                                                                                                                                                         Gerhold, David
Hammond, Holly
Hey, Patricia
                                                                                                                                                                                                                                                                                                                                                          Caskey, Charles
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                                                                                                                                                                                                                                                                                                                                      Roger D
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Pred. No. 2.
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                                                                                                                                Road, Eighth Floor
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GENERAL INFORMATION:
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Best Local S
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REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 621
RELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEPAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 157:
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION NUMBER: US/09/402,923A
APPLICATION UNDSER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION UNDSER: PCT/GB98/01102
APPLICATION UNDSER: PCT/GB98/01102
APPLICATION NUMBER: US 60/043,553
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANUEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
                                                                                                                                                                                                                                                                                                                                                                                                      Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 6555654el LDL-Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA: US/09/402,923A APPLICATION NUMBER: US/09/402,923A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             993 CCCGGGCTCAAGCGATTCT 1011
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                          OF SEQUENCES: 455
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Hammond, Holly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Caskey, Charles
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Pred. No. 2.8e+02
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RESULT 424 US-09-349-040A-3

Sequence 3, Application US/09349040A Patent No. 6593466
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan

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APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogue
FILE REFERENCE: ISIS4385
CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; SEQUENCE DESCRIPTION: SEQ ID NO: 242: US-09-402-923A-242
                                                                                                                                         US-09-142-212A-10
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SEQ ID NO 10
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                                                                                   Query Match
Best Local Similarity
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Best Local Similarity
                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Oligonucleotide NAME/KEY: misc_feature LOCATION: (16)...(18)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (703)816-4091
TELEPAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 242:
                                                                                                                                                           OTHER INFORMATION: Modified internucleoside linkage
                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                    LENGTH: 19
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REFERENCE/DOCKET NUMBER: 62
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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                               427 TTTTTATTTATTTTTT 445
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                      PatentIn Ver. 2.1
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Collingwood, Stephen Paul
Douglas, Mark Edward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/09142212A
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                                                                      Conservative
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                                                                  1.6%; Score 15.8; DB 1;
89.5%; Pred. No. 2.8e+02;
Live 0; Mismatches 2
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Pred. No. 2.8e
0; Mismatches
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Sequence 4, Application US/09349
Patent No. 6593466
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
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US-09-349-040A-4
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CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
FERENCE: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.0 SEQ ID NO 3 LENGTH: 19
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Best Local
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GENERAL INFORMATION:
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Best Local :
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
CURRENT FILING DATE: 1999-07-07
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
            APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Wohan, Venkatraman
TITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Functionalized Oligomers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
OTHER INFORMATION: No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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Local Similarity 89.5%;
hes 17; Conservation
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17; Conserv
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Pred. No. 2.8e+02;
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Pred. No. 2
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.8e+02;
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US-09-409-926-17
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                                                                                                                                                                                                                                                                                                                                                                       RESULT 428
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SQ ID NO 5
LENGTH; 19
TYPE: DNA
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SEQ ID NO 17
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Patent No. 6617442
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 17;
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                                                                                                      SEQ ID NO 18
LENGTH: 19
                                                                                                                                                                                                                                                                                                                  Sequence 18, Application US/09409926 Patent No. 6617442
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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Best Local Similarity 89.5%;
                                                                                                                                                  APPLICANT: Lima, Walter F.

APPLICANT: Wu, Hongjiang
TITLE OF INVENTION: Human Rnase H1 and Oligonucleotide Compositions Thereof
FILE REFERENCE: ISIS4186
CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 1999-09-30
NUMBER OF SEQ ID NOS: 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 1999-09-30
NUMBER OF SEQ ID NOS: 33
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APPLICANT: Wu, Hongjiang
TITLE OF INVENTION: Human Rnase H1 and Oligonucleotide Compositions Thereof
                                                                                                                                           SOFTWARE:
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NAME/KEY: misc_feature
OTHER INFORMATION: No. 6593466el Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Description of Combined DNA/RNA Molecule: OTHER INFORMATION: Oligonucleotide OTHER INFORMATION: Description of Artificial Sequence: No. 6
                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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     Oligonucleotide Description of Artificial Sequence: No. 6617442el Sequence
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Pred. No. 2.8e+02;
0; Mismatches 2
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Pred. No. 2.8e+02;
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US-10-123-597-1
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
                                                                                           SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 19
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Patent No. 6624294
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Best Local Similarity
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
                                                                                                                                                  FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
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TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISISS040
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS5040
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APPLICANT: Kawas
APPLICANT: Manoh
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                                                      ORGANISM: Artificial Sequence
                                                                             TYPE: DNA
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LOCATION: (15)..(18)
NAME/KEY: misc_feature
                 OTHER INFORMATION: Description of Artificial Sequence:
                                      FEATURE:
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:1 Similarity 89.5%;
17; Conservation
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Prakash, Thazha P
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Pred. No. 2.8e+02;
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Pred. No. 2.8e+02;
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                     Synthetic construct
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; OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy
US-10-123-597-2
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APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of
FILE REFERENCE: ISISSO40
CURRENT APPLICATION UNMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
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US-10-123-597-3
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Best Local Similarity 89.5%;
Matches 17; Conservative
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APPLICANT: Cook, Phillip D
                                                                                                                                                                                                                                                                                                                                       Sequence 4, Application US/10123597 Patent No. 6624294
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                                                      SEQ ID NO 4
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                                                                                          NUMBER OF SEQ ID NOS: 28
                                                                                                           PRIOR APPLICATION NUMBER: 09/227,782 PRIOR FILING DATE: 1999-01-08
                                                                                                                                             TITLE OF INVENTION: Regiselective Synthesis of 2'-0-Modified Nucleosides FILE REFERENCE: ISIS5040 CURRENT APPLICATION NUMBER: US/10/123,597 CURRENT FILING DATE: 2002-07-10
                                                                          SOFTWARE: PatentIn version 3.1
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OTHER INFORMATION: 2'-methoxyethoxy
                   LENGTH: 19
TYPE: DNA
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TYPE: DNA
ORGANISM: Artificial Sequence
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Prakash, Thazha P
Fraser, Allister S
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Pred. No. 2.8e+02;
0; Mismatches 2
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Pred. No. 2.
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct; NAME/KEY: misc_feature
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-4
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US-10-123-597-5
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                                 GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Mancharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Praser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of
PILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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US-10-123-597-6
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
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Best Local Similarity
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Patent No. 6624294
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SEQ ID NO 6
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APPLICANT: Kawasaki, Andro
APPLICANT: Manoharan, Muth
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LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
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ORGANISM: Artificial Sequence
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ITLE OF INVENTION: Regioselective Synthesis of 2'-0-Modified Nucleosides
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Local Similarity 89.5%;
hes 17; Conservation
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                                                                                                                                                                                                                                                                                                                                                                                                                         Kawasaki, Andrew M
Manoharan, Muthiah
Prakash, Thazha P
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                     version 3.1
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Pred. No. 2.8e+02;
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Pred. No. 2.8e+02;
0; Mismatches 2;
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                                                                                                                                                           of 2'-O-Modified Nucleosides
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RESULT 435
US-10-123-597-7
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TYPE: DNA
ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc feature
LOCATION: (18). (18)
LOCATION: (18). (18)
OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy
US-10-123-597-7
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of
FILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION UNBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
NUMBER OF SEQ ID NOS: 28
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of FILE REFERENCE: ISIS5040
CURRENT APPLICATION UNMER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
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APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Muth
                                                                                               APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Muth
APPLICANT: Prakash, Thazha
APPLICANT: Prakash, Alliste
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ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION: 5-methyl-2'-O-propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
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Manoharan, Muthiah
Prakash, Thazha P
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89.5%;
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Pred. No. 2.8e
0; Mismatches
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Pred. No. 2
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; OTHER INFORMATION: Description of Artificial Sequence, NAME/KEY: misc feature; LOCATION: (15)...(18) OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy US-10-123-597-12
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; OTHER INFORMATION: Description of Artificial;
; NAME/KEY: misc feature
; LOCATION: (18)...(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-8
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US-10-123-597-12
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SOFTWARE: PatentIn versionsEQ ID NO 8
                                                                                                                                                  GENERAL INFORMATION:
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Patent No. 6624294
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Best Local
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Best Local Similarity
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               APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Mancharan Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
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PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
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CURRENT FILING DATE: 2002-07-10
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andre
CURRENT APPLICATION NUMBER: US/10/123,597
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Prakash, Thazha P
                                                                                                                                                                                      Application US/10123597
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llarity 89.5%;
Conservative
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Pred. No. 2.8e
0; Mismatches
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Pred. No. 2.8e+02;
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TYPE: DNA
OTHER INFORMATION: Description of Artificial Sequence
NAME/KEY: misc feature
LOCATION: (16) ... (19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-14
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APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andr
APPLICANT: Manoharan, Mut
APPLICANT: Prakash, Thazh
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US-10-123-597-15
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US-10-123-597-25
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                                                Sequence 25, Application US/
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 19
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Best Local Similarity
Matches 17; Conserv
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Matches 17; Conserv
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PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Fraser, Allister S TITLE OF INVENTION: Regioselective Synthesis
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                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of NAME/KEY: misc_feature LOCATION: (16)...(19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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Kawasaki, Andrew M
Manoharan, Muthiah
Prakash, Thazha P
Fraser, Allister S
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Manoharan, Muthiah
Prakash, Thazha P
                                                                                                                      Application US/10123597
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Pred. No. 2.8e
0; Mismatches
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                2.8e+02;
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                                                                                                                                                                                                                                                                                                             Length 19;
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APPLICANT:

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US-09-435-806-6
; Sequence 6, Application US/09435806
; Patent No. 6653458
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/349,033A CURRENT FILING DATE: 1999-07-07 NUMBER OF SEQ ID NOS: 12 SOFTWARE: PatentIn version 3.1 SEQ ID NO 1 LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Pa
                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 17; Conserv
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APPLICANT: Cook, Philli
APPLICANT: Manoharan, I
APPLICANT: Maier, Mart
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                                                                                                                                          GENERAL INFORMATION:
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CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides FILE REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: An, Haoyun
TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compoun
                                              APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Guinoso, Charles J.
TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: ISIS-3312
             CURRENT APPLICATION NUMBER: US/09/435,806
CURRENT FILING DATE: 1999-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc feature LOCATION: (15)...(18) OTHER INFORMATION: 2'-methyleneiminooxyethoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 09/115,043
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Pred. No. 2.8e+02;
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Pred. No. 2.
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; PRIOR FILING DATE: 1998-07-14
; PRIOR APPLICATION NUMBER: US 08/;
; PRIOR FILING DATE: 1996-02-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 6
; LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-435-806-6
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                                                                                                                           ; FEATURE:

; MAME/KEY: misc feature

; LOCATION: (18)..(19)

; OTHER INFORMATION: 3'

US-10-098-816-15
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                                                               Matches
                                                                               Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA
TITLE OF INVENTION: Confirmational Geometry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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                                                                                                                                                                                                            NAME/KEY: misc_feature LOCATION: (17)..(18) OTHER INFORMATION: 3'
                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                               OTHER INFORMATION: 3' -
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                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
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nes 17; Conservative
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                                                             Conservative
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    O-MOE linkage

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                                                               0; Mismatches
                                                                                Score 15.8; DB 1
Pred. No. 2.8e+02
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Pred. No. 2.8e+02;
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                                                                  Gaps
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RESULT 444 US-10-098-816-16

US/10098816

Sequence 16, Application Patent No. 6737520 GENERAL INFORMATION:

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RESULT 445
US-10-098-816-17
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CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 16
                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 17, Appli
Patent No. 6737520
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Best Local Similarity 84.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Oligonuclectides Having A DNA Form And TITLE OF INVENTION: Confirmational Geometry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form TITLE OF INVENTION: Confirmational Geometry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: ISIS3310
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               NAME/KEY: misc_feature
LOCATION: (16)...(17)
OTHER INFORMATION: 3' -
                                                                                              NAME/KEY: misc_feature LOCATION: (15)...(16) OTHER INFORMATION: sub O
                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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LOCATION: (17)..(18)
OTHER INFORMATION: 2' -
                                                                                                                                                                                FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
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OTHER INFORMATION: 2' -
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OTHER INFORMATION: Oligonucleotide
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FEATURE:
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                 O-MOE linkage; sub O linkage
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                                                                                                linkage
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Pred. No. 2.8e+02;
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RESULT 446
US-10-098-816-18
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                                                                     US-10-098-816-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 18, Application US/10098816
Patent No. 6737520
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Best Local Similarity 89.5%;
Matches
              Query Match 1.6%;
Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Venkatraman
TITLE OF INVENTION: Oligonuclectides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: IS183310
CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
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LOCATION: (19)..(19)
OTHER INFORMATION: 3'
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LOCATION: (17)..(18)
OTHER INFORMATION: 3' -
                                                                                    NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2' - O-MOE
                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (18)...(19)
OTHER INFORMATION: 2' -
                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Oligonucleotide
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NAME/KEY: misc_feature
LOCATION: (18)...(19)
OTHER INFORMATION: 3' -
                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (17)..(18)
                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (16)...(17)
OTHER INFORMATION: 2' -
                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: sub
                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature LOCATION: (15)..(16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                         FEATURE:
                                                                                                                                                                                                                             LOCATION: (17)..(18)
OTHER INFORMATION: 2' -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         427
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16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TTTTTATTTTATTTTTTT 445
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
 Conservative
                                                                                                                                                                                                                                                                                                    O-MOE; sub O linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 O-MOE linkage
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                                                                                                                                                           O-MOE; sub
                                                                                                                                                                                                                               O-MOE; sub O linkage
1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                  Score 15.8; DB 1;
Pred. No. 2.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 15.8; DB 1;
Pred. No. 2.8e+02;
 Mismatches
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                                Length 19;
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 Indels
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 Gaps
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427 TTTTTATTTTATTTTTTT 445

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RESULT 447
US-10-098-816-26
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US-09-038-637-142/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-098-816-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.0 SEQ ID NO 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 26, Appli
Patent No. 6737520
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity Matches 17; Conserv
                                                                                                                                                                                                                                                                                                               Sequence 142, Application US/09038637
Patent No. 6235470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Sidran
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: ISIS3310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form TITLE OF INVENTION: Confirmational Geometry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: 2'-modified T linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (19)..(19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: (18)..(19)
OTHER INFORMATION: 2'-modified T linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature LOCATION: (18)..(19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: (17)..(18)
OTHER INFORMATION: 2'-modified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (16)..(17)
OTHER INFORMATION: 2'-modified T linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature LOCATION: (16)..(17)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH: 19
                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskerte
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                              COUNTRY: UZIP: 92037
                                                                                                                                                        CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                               427 TTTTTATTTTATTTTTTT 445
                                                                                                  CA
USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/10098816
                                                                                                                                                                                                                                                                           Sidransky, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
FastSEQ for Windows Version 2.0b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.6%;
                                                                                                                                                                                                                                                        DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <u>.</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 15.8; DB 1;
Pred. No. 2.8e+02;
0; Mismatches 2;
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GENERAL INFOR APPLICANT: APPLICANT: APPLICANT: APPLICANT:

Susan Grimm
Dan T. Stinchcom
James McSwiggen
Sean Sullivan

INFORMATION:

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; TOPOLOGY: 1:
; MOLECULE TYPE:
US-09-038-637-142
                             RESULT 450
US-08-292-620A-350
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 Sequence 350, Patent No. 58
                                                                                                                                                                                                                                                                                                                   SOFTWARE:
SEQ ID NO 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 34, Application US/09322357 Patent No. 6593104
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 94.1%;
                                                                                                                                                           Matches
                                                                                                                                                                        Best Local Similarity
                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/322,357
CURRENT FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 74
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: STONE, EDWIN M.
APPLICANT: SHEFFIELD, VAL C.
TITLE OF INVENTION: MACULAR DEGENERATION DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Liba A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 0726
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 612/678-5099
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 28-DEGAPPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/038,637
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1120 CTCAAACTCCTGACCTC 1136
                                                                                                                          971 CGGCTCACTGCAACCTC 987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             18 CTCAAACTCCTGGCCTC 2
                                                                                              18 CAGCTCACTGCAACCTC
                                                                                                                                                           16;
50, Application US/08292620A 5837542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
                                                                                                                                                                                                                                                                                                                                   PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                           Conservative
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                                                                                                                                                        Score 15.4; DB 1;
Pred. No. 2:9e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 15.4; DB 1;
Pred. No. 2.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1;
                                                                                                                                                                                         Length 18;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0;
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RESULT 451
US-09-071-845-350
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                                                                                                                                                                                                                                                        Sequence 350, Application US/09071845 Patent No. 6132967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 1.5%;
Best Local Similarity 80.0%;
                                                                                                                                                                                                                                                    Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including apperior application DATA: including apperior application DATA: described belapplication NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                        APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                 APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: August
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                725 CCTGAGTAGCTGGGA 739
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           August 17, 1994
N: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INTRACELLULAR ADHESION MOLECULE-1 (I-CAM-1)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 15;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 15;
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; ORGANISM: Homo sapiens
US-09-081-646-23
                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-081-646-23
                                         SEQ ID NO 23
LENGTH: 15
TYPE: DNA
                                                                                                                                                                                                                                                                                                                               Sequence 23, Application US//
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 1.5%;
Best Local Similarity 80.0%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE HARACTERISTICS:
LENGTH: 15 base pairs
LENGTH: nucleic acid
                                                                                                                                          TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and TITLE OF INVENTION: Cancer Cells FILE REFERENCE: 01107.74664 CURRENT APPLICATION NUMBER: US/09/081,646 CURRENT FILING DATE: 1998-05-20 EARLIER APPLICATION NUMBER: 60/047,352 EARLIER FILING DATE: 1997-05-21
                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                             APPLICANT: Zhang, Liı
APPLICANT: Zhou, Wei
                                                                                                     SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
COMBUTION TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
MEDIUM TYPE: storage
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OPERATING SYSTEM: IBM P.C.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: December 7, ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/29,620 FILING DATE: August 17, 1994 APPLICATION NUMBER: 08/008,895 FILING DATE: January 19, 1993 APPLICATION NUMBER: 07/989,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
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Pred. No. 2.4e+02;
3; Mismatches 0;
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Query Match
Best Local Similarity
Matches 15; Conserve
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CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
PRIOR FILING DATE: 1997-09-22
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; ORGANISM: Homo sapiens
US-09-479-005A-185
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US-09-479-005A-268
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SEQ ID NO 185
LENGTH: 16
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PATENT NO. 6656731
GENERAL INFORMATION: Description of INFORMATION: Nucleic Acid Catalysts with Endonuclease Activity
TITLE OF INFORMATION: Nucleic Acid Catalysts with Endonuclease Activity
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Best Local Similarity
                                                                                                                                                                                                        SOFTWARE: PatentIn
SEQ ID NO 268
                                                                                                    Query Match
                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/479,005A CURRENT FILING DATE: 2000-01-07 PRIOR APPLICATION NUMBER: US 09/444,209 PRIOR FILING DATE: 1998-11-19 PRIOR APPLICATION NUMBER: US 09/159,274 PRIOR FILING DATE: 1998-09-22
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TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBHB00-884-C
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PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
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100.0%; Pred. No.
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; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2; OTHER INFORMATION: human gene US-09:358-972-252
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EARLIER FILING DATE: 1998-03-13
NUMBER OF SEQ ID NOS: 290
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                                                                                      TITLE OF INVENTION: Nucleic Acid Detection FILE REFERENCE: PRO-104 6868/75529 CURRENT APPLICATION NUMBER: US/09/383,316 CURRENT FILLING DATE: 1999-08-25 PRIOR APPLICATION NUMBER: 09/252,436
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APPLICANT:
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APPLICANT: Mandrekar, Michelle
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APPLICANT: Lewis, Martin D
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                           PRIOR FILING DATE: 1999-
PRIOR APPLICATION NUMBER:
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Wood, Keith W.
Welch, Roy
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Gu, Trent
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Rhodes, Richard B.
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Lewis, Martin K.
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US-09-383-316-88
 ; Sequence 92, Applicat:
patent No. 6277640
; GENERAL INFORMATION:
APPLICANT: C. Frank
APPLICANT: Lex M. Co
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 252
LENGTH: 17
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SOFTWARE: PatentIn Ve
SEQ ID NO 88
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TITLE OF INVENTION: Nucleic Acid Detection
FILE REFERENCE: Pro-103 6868/75528
CURRENT APPLICATION NUMBER: US/09/790,417
CURRENT FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: 09/358,972
PRIOR APPLICATION NUMBER: 09/358,972
PRIOR FILING DATE: 1999-07-21
PRIOR FILING DATE: 1999-07-21
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APPLICANT:
APPLICANT:
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APPLICANT: Lewis, Martin K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 1999-07-21
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                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:probe to OTHER INFORMATION: human gene
                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                              FEATURE:
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5. 6730479
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15; Conserv
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                                                                                                                                                      CTCTGTCACCCAGGC 1
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Lex M. Cowsert
                                                                   Application US/09630706
                   C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Olson, Ryan J.
Wood, Keith W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gu, Trent
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Rhodes, Richard B.
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L00.0%; Pred. No. 2.9e+02;
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100.0%; Pred. No.
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PCT-US91-03680-74
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PCT-US91-03680-74
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Best Local Similarity 100.0%;
Matches 15; Conservative (
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SEQ ID NO 92
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA;
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MURASHige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 29,959
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/630,706
CURRENT FILING DATE: 2000-08-01
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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ORGANISM: Artificial Sequence
                                                                                                                                                              FEATURE:
NAME/KEY:
                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION:
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                                                                                                                                                                                                                LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                 LOCATION: 18
OTHER INFORMATION:
                                                                                                          LOCATION: 5
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                               TELEPHONE: 415-327-2951
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ZIP: 94025
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CITY: Menlo Park
                                                                   NAME/KEY: modified_base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE-SPECIFIC NONPHOTOACTIVATED CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF DUPLEX DNA
                                                                                                                           /mod_base=
                 /mod_base= OTHER
/note= "N4,N4-ethanocytosine"
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100.0%; Pred. No. 3.1e+02
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                                                            Query Match
Best Local Similarity
Matches 16; Conserv
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APPLICANT: Benneti
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TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 4:
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APPLICATION NUMBER: US/08/063,167A
FILING DATE: 19930517
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APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
FILING DATE: Septembe
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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TITLE OF INVENTION: Oligonuclectide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 85
                                                                                                                                                                                                                                                                                           NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: September 2, 1992 PRIOR APPLICATION DATA:
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                                                                                                                                               ANTI-SENSE:
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OPERATING SYSTEM: PC-100
OPERATING SYSTEM: WORDPERFECT 5.0
OPERATOR DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US FILING DATE: July 23, 1991
                                                                                                                                                                           TYPE: Nucleic Acid
STRANDEDNESS: Singl
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                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
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                                                                Conservative
                                                                                                                                                 Yes
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Pred. No. 3.
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                                                                             Score 14.8; DB 1
Pred. No. 3.2e+02
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US-08-621-914A-16
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                                                                                                                                                             Sequence 16, Application US/08621914A
Patent No. 5707807
GENERAL INFORMATION:
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US91/0
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
                                                                                         APPLICANT: KATO, KIK
TITLE OF INVENTION: I
TITLE OF INVENTION: I
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
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APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
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MEDIUM TYPE: DISKETT
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TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 AVENUE OF THE AMERICAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: Yes
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CITY: Philadelphia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
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REGISTRATION NUMBER: 32,
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NEW YORK
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One Liberty Place - 46th Floor
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                                                                                                                                                     KIKUYA
                                                                                                             MOLECULAR INDEXING FOR EXPRESSED GENE ANALYSIS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 26-MAR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LAWRENCE III, STANTON T.
REFERENCE/DOCKET NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-107-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEPAX: (212) 869-9741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PA PC COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/346,429
FILING DATE: 29-NOV-1994
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS LENGTH: 18 base pairs TYPE: nucleic acid
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                             ATTORNEY/AGENT INFORMATION:
NAME: DiGiglio, Frank S.
REGISTRATION NUMBER: 31,346
                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY SCOTT MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
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MOLECULE TYPE:
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TITLE OF INVENTION:
REFERENCE/DOCKET NUMBER: 950
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Job, Claudette APPLICANT: Job, Dominique
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                                                                                                                                                                                                                                                                     COUNTRY: U
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5. 5837820
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Duval, Manuel
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BE USED FOR DETERMINING THE GERMINATION STAGE O
A SEED
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Pred. No. 3.
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US-08-440-740A-4/c
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Best Local Similarity 88.9%;
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
OPERATING SYSTEM: PC-DOS
SOTTWARE: WORDERRETT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,740A
FILING DATE: May 12, 1995
CLASSIFICATION BATA:
APPLICATION NUMBER: 063,167
APPLICATION NUMBER: 063,167
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 969,151
APPLICATION NUMBER: 969,151
APPLICATION NUMBER: 969,151
APPLICATION DATE: PEDFUARY 10, 1993
DETOR APPLICATION DATA:
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                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                         APPLICATION NUMBER: 567,286 FILING DATE: August 14, 1990 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Of Cell Adhesion
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APPLICATION NUMBER: 007,997
FILING DATE: January 20, 19
                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                  TELEPHONE: (609)
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
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                                                                                                                                                                                     REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0133
                                                                                                                                                                                                                            NAME:
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ZIP: 08053
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STRANDEDNESS: double
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                                                                                                                                                                                                                      Jane Massey Licata
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66 East Main Street
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Pred. No. 3.2e+02;
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; ANTI-SENSE: US-08-440-740A-4
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US-08-358-556A-12
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                                                                                                              US-08-358-556A-12
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Best Local Similarity
Matches 16; Conserv
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                                                       Matches
                                                                                Query Match
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TITLE OF INVENTION: Proc
TITLE OF INVENTION: a SC
TITLE OF INVENTION: Impl
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
                                                                                                                                                              MOLECULE TYPE: NAME OF TRACMENT TYPE: NO FRAGMENT TYPE: NO
                                                                                                                                                                                                                                                                                                   TELEX: RCA 248593 IDEA UR INFORMATION FOR SEQ ID NO: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FR 9315164 FILING DATE: 16-DEC-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 536 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 400 SCC....CITY: Washington D.C.COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                        NAME: Player, William E
REGISTRATION NUMBER: 31
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
                                                                                                                                        NAME/KEY:
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o. 5869643
                           428 TITTATTTTATTTTTTT 445
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milarity 88.9%;
Conservative
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                                                                                                                                                                                                                                                                     18 base pairs
                                                                                                                                                                                                                                                                                                                                : (202)638-6666
(202)393-5350
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Pred. No. 3.
                                                                     Score 14.8; DB 1;
Pred. No. 3.2e+02;
                                                         Mismatches
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                                                                                                                                                                  RESULT 467
US-08-469-852A-4
                                                                                                                                                                                                                                                                                                                                                      NAME/KEY:
LOCATION:
US-08-358-556A-18
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                                                                                                                                   Patent No. 58742
                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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                                                                                                                        GENERAL INFORMATION:
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APPLICANT: Cummins, APPLICANT: Freier, Susan M.
APPLICANT: Griffey, Richard
APPLICANT: Griffey, Richard
APPLICANT: Stivatea, Susan G.
APPLICANT: Stivatea, Susan G.
TITLE OF INVENTION: Capillary Electrophoretic Detection
Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL: N
ANTI-SENSE: NO
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 536
PRIOR APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (202)638-6666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Washington D.C COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Player, William REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/0 FILING DATE: 14-DEC-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (202)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 16-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH:
                                                                                                                                                                                                                                                 428 TITTATTTTATTTTTTT 445
                                                                                                                                                                                                                              18 TITTTTTTTTTTTTTT 1
                                                                                                                                                                                                                                                                                          16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              nucleic acid
                                                                                                                                                   Application US/08469852A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: Jacobson, Price, Holman & Stern
400 Seventh St. N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Kumarev,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Chatelain,
                                                                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Process for Preparing Polynucleotides on a Solid Support and Apparatus Permitting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Viktor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Francois
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                                                                                                                                                                                                                                                                                          0; Mismatches
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                                                                                                                                                                                                                                                                                                          Score 14.8; DB 1;
Pred. No. 3.2e+02;
                                                                                                                                                                                                                                                                                                                         DB 1;
                                                                                                                                                                                                                                                                                             2;
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US-08-344-155C-4/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 5883082
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4, Application US/08344155C Patent No. 5883082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08,
FILING DATE: 06-JUN-1995
CLASSIPICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/29:
FILING DATE: 24-AUG-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 215-568-3439
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bennett and Stepkowski
TITLE OF INVENTION: Compositions and Methods for Preventing
TITLE OF INVENTION: and Treating Allograft Rejection
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISJ
                APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
                                                                   APPLICATION NUMBER: US/08/344,155C FILING DATE: No. 5883082ember 23, 1994 CLASSIFICATION: 514 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
                                                                                                                                                     SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
APPLICATION NUMBER:
                                                                                                                                                                                            OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                   CITY: Cherry Hill
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One Liberty Place - 46th Floor
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PCT/US91/05209
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Pred. No. 3.
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US-08-344-155C-4
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 120, Application US/08403888A Patent No. 5952490
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (609) 779-84
INFORMATION FOR SEQ ID NO:
                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 07/954
PILING DATE: 29-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,53
                                                                                                                                                                                                                        ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

WARDPERFECT 6.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 9/2/92
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
                                                                                                                                                                         SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08,
FILING DATE: 12-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 146
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Hanecak TITLE OF INVENTION: TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                           STREET: One Liberty CITY: Philadelphia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: Nucleic Acid
STRANDEDNESS: Sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 9/2/92
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                                                                                                                                                                                                                                                                                                                                        COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Oligonucleotides Having A Conserved Sequence
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                                                                                                                         07/954,185
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                                                                                                                                                                                              US/08/403,888A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 14.8; DB 1;
Pred. No. 3.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 18;
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RESULT 470
US-08-982-845B-4/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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APPLICANT: Bennet
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                                                            TELEFAX: (609) 779-8488 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 063,167 FILING DATE: May 17, 1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440
FILING DATE: May 12, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: WORDPERFECT CURRENT APPLICATION DATA:
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MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 60
CITY: Marlton
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
                                                                                                                                                                                                                                APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
                                                                                                                  NAME: Jane Massey Licata
REGISTRATION INVEST: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                             FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                      FILING DATE: January 21, 1993 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PS/2
OPERATING SYSTEM: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/982,845B FILING DATE: December 2, 1997
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ZIP: 08053
                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 007,997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
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                                                                                                              TELEPHONE:
            TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                ENGTH:
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Linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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Pred. No. 3.
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Patent No. Sequence 9,

Application US/08884029

GENERAL INFORMATION:
APPLICANT: Lin, C

APPLICANT:

Lin, Ching-I Patsy
Wallace, Robert Bruce
Cossman, Jeffrey
French, Cynthia

Ching-I Patsy

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RESULT 471
US-08-295-509B-4
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US-08-982-845B-4
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US-08-884-029-9
           RESULT 472
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Matches 16; Conserv
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                                                                                                            Matches
                                                                                                                        Query Match 1.5%;
Best Local Similarity 88.9%;
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                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WOXDERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Srivatsa, Susan G.
TITLE OF INVENTION: Capillary Electrophoretic Detection of
TITLE OF INVENTION: Nucleic Acids
                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 24-AUG CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                      TELEFAX:
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One Liberty Place - 46th Floor
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Pred. No. 3
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Pred. No. 3.2e+02;
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3.2e+02;
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RESULT 473
US-08-991-525B-4/c
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
TELEPAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: PETENT, Annette S.
REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 02558B-059100US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
               COMPUTER: IBM PS/2
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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APPLICATION NUMBER: US/08/884,029
FILING DATE: 27-UUN-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                     APPLICANT: Bennett and Mirabelli TITLE OF INVENTION: Oligonucleotide Modulation TITLE OF INVENTION: of Cell Adhesion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: modified_base LCCATION: 13..18
OTHER INFORMATION: /mod_b
OTHER INFORMATION: /note=
OTHER INFORMATION: presen
                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
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 APPLICATION NUMBER:
                                                                                                                                                   COUNTRY:
                                                                                                                                                                       STATE: - NJ
                                                                                                                                                                                        CITY: Marlton
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/note= "t at positions 13-18 may be
present or absent"
US/08/991,525B
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; Pred. No. 3.2e.
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 474
                                                                                                                                                                                                                                                                                               Patent No. 6096722
GENERAL INFORMATION:
APPLICANT: C. Frank |
APPLICANT: Brenda Bal
FITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local S
Matches 16
                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/09085759
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Line
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,16
FILING DATE: May 17, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: December CLASSIFICATION: 514 PRIOR APPLICATION DATA:
                                                                                                                    ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: August 14, ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: January 21, 1993 PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 007,997
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                                                              CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 1
PRIOR APPLICATION DATA:
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PTILING DATE: February 10, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: Nucleic Acid
STRANDEDNESS: Singl
                             APPLICATION NUMBER: U
                                                                            COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
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CITY: Marlton
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les 16; Conserv
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REGISTRATION NUMBER: 32,257
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                 CLASSIFICATION:
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                                                                                                                                                                                                                                                Law Offices of Jane Massey Licata
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                                                US/09/085,759
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Pred. No. 3.2e+02;
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US-08-941-445A-30/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (609) 779-8488
                                                                                                                                                                                                                                                                                                  APPLICANT: Keeling, Peter
APPLICANT: Guan, Hanping
TITLE OF INVENTION: Starch Encapsulation
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION AND REFERENCE/DOCKET NUMBER: ISITELECOMMUNICATION INFORMATION:

(609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 567,286 FILING DATE: August 14, 1990 ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: 007,997
                                                                                                              SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 30-SEP-19
                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ANTI-SENSE:
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                        APPLICATION NUMBER: US 60/026,855
FILING DATE: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: Nucleic Acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 969,151
PTLING DATE: February 10, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 063,167 FILING DATE: May 17, 1993
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                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                             STREET: 5370 |
CITY: Boulder
                                                                                            CLASSIFICATION:
REGISTRATION NUMBER:
                                                                                                                                                                                                                                             ZIP: 80303
                                                                                                                                                                                                                                                         COUNTRY:
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                                                                                                            30-SEP-1997
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                                                                                                                             US/08/941,445A
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Pred. No. 3.
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3.2e+02;
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US-09-128-496-4/c
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; HYPOTHETICAL:
US-08-941-445A-30
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Patent No. 6169079
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                                                                                                                                                                                                                    FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
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INFORMATION FOR SEQ ID NO
                                                                                                   APPLICATION NUMBER: 567,286 FILING DATE: August 14, 1990 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (303) 499-8080
                                        REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0133
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: WORDPERFECT 5.0 CURRENT APPLICATION DATA:
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                                                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                                                     FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
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                                                                                                                                                                        APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/128,496
                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
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                            TELEPHONE:
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STREET: 66 East Main Street
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16; Conservative
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                                                                                           Jane Massey Licata
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VENTION: Oligonucleotide Modulation
VENTION: of Cell Adhesion
               (609)
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                                779-2400
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Pred. No. 3
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of Cell Adhesion

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; TOPOLOGY:
; ANTI-SENSE:
US-09-128-496-4
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                                                                                        RESULT 478
US-09-009-490A-4/c
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Patent No.
Sequence 4, Application US/09009490A
Patent No. 6300491
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
                                                                                                                                                                                                                                                                                                                                                                                                    PILING DATE: 04-Feb-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 1602:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 257-3501
TELEPAX: (608) 257-2275
INFORMATION FOR SEQ ID NO: 146:
                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/99/018,584A
                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Schumm, James W.
APPLICANT: Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS AND METHODS FOR
TITLE OF INVENTION: IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: NUMBER OF SEQUENCES:
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STRANDEDNESS: Single
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TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                   TYPE: Nucleic Acid
STRANDEDNESS: Single
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2800 Woods Hollow Road
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88.9%; Pred. No. 3.
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Pred. No. 3
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RESULT 479
US-09-545-225-9
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                                                                  Sequence 9, Application US/09545225
Patent No. 6410321
GENERAL INFORMATION:
APPLICANT Lin, Ching-I Patsy
Wallace, Robert Br
Cossman, Jeffrey
                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
APPLICATION NUMBER: 969,151
FILING DATE: PEDRUARY 10, 199
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
                                                                                                                                                                                                                                                                                                                                                                                                        ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: August 14, ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Jane Massey Licata REGISTRATION NUMBER: 32, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
STRANDEDNESS: Sing:
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to
NUMBER OF SEQUENCES: 9
                                     TITLE OF INVENTION:
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66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                    Conservative
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IBM PS/2
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                                                       French
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t 14, 1990
                                                       Cynthia
                     Lyophilization of Cultured Human Cells to Preserve RNA and DNA
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Pred. No. 3.2e+02;
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US-09-619-103-24/c
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                                                                                 NUMBER: FAR
SOFTWARE: FAR
; SEQ ID NO 24
; SEQTH: 18
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       Sequence 24, Application US/09619103 Patent No. 6429300
                                                                                                                                                           APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT APPLICATION NUMBER: 00/07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR APPLICATION NUMBER: 509-07-27
PRIOR FILING DATE: 1999-07-27
PRIOR FILING DATE: 1999-07-27
                                                                                                                                                     NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (415) 576-0:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                          ORGANISM: Artificial Sequence
                                                                   TYPE: DNA
OTHER INFORMATION: designed sequence for nucleic acid purification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Vei
CURRENT APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Parent, Annette S.
REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 02:
TELECOMMUNICATION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "t at positions 13-18 may be
present or absent"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: San Francisco
STATE: California
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                                                                                                                            FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (415) 576-0200
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Pred. No. 3.2e+02;
0; Mismatches 2;
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; OTHER INFORMATION: ; OTHER INFORMATION: US-09-370-541-14
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                                                                                                                                                                                                                                                            Sequence 9, Application Patent No. 6686460 GENERAL INFORMATION:
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Best Local Similarity
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Best Local (
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Patent No. 6639062
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EARLIER FILING DATE: 1997-02-14
EARLIER APPLICATION NUMBER: 09/344,260
EARLIER FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EARLIER APPLICATION NUMBER: 09/130,973
EARLIER FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 09/016,520
EARLIER FILING DATE: 1998-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Krakash, Thazha P
APPLICANT: Kawasaki, Andrew M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: ISIS3993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                        APPLICANT: Lin, Ching-I Patsy
Wallace, Robert Bruce
Cossman, Jeffrey
French, Cynthia
ZIP: 94111-3834
COMPUTER READABLE FORM:
                                                                                                                                                        TITLE OF INVENTION: Lyophilization of Cultured Human to Preserve RNA and DNA
                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                      NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                             Application US/10125295
                                                   CITY: San Francisco
STATE: California
                                                                                    ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor
                                  COUNTRY: USA
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Pred. No. 3.2e+02
0; Mismatches
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Pred. No. 3.2e+02;
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; OTHER INFORMATION: Poly-a tail
US-09-803-263-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 483
                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Thirstup, Kenneth
APPLICANT: Thirstup, Kenneth
TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'
TITLE OF INVENTION: Adapter Mediated Amplification
FILE REFERENCE: 674513-2003.1
CURRENT PAPLICATION NUMBER: US/09/803,263
CURRENT FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin version 3.0
SEQ ID NO 66
                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 6, Application US/09803263 Patent No. 6706476
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Best Local Similarity 88.9
Matches 16; Conservative
                                                                               Matches
                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (415) 576-0
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 02558B-059100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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                          428 TTTTATTTTATTTTTTT 445
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TTTTTTTTTTTTTTTTTT
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LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "t at positions 13-18 may be
present or absent"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
APPLICATION NUMBER: US 08/884,029
FILING DATE: 27-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/10/125,295
FILING DATE: 17-Apr-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Parent, Annette S. REGISTRATION NUMBER: 42,058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
                                                                               Conservative
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                                                                                                Score 14.8; DB 1;
Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
                                                                               Mismatches
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RESULT 485
US-09-784-423-146/c
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US-09-803-263-7
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APPLICANT: Thirstrup, Kenneth
TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'
TITLE OF INVENTION: Adapter Mediated Amplification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 7, Application US/09803263 Patent No. 6706476
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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CURRENT APPLICATION NUMBER: US/09/803,263
CURRENT FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.0
                    TELEFAX: (608) 257-2
INFORMATION FOR SEQ ID NO: 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
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                                                      PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: 09/018,584

FILING DATE: 04-Feb-1998

ATTORNEY/AGENT INFORMATION:

NAME: Grady J. Frenchick

REGISTRATION NUMBER: 29,018

REFERENCE,DOCKET NUMBER: 16026.9180

TELEPHONE: (608) 257-3501

TELEPHONE: (608) 257-3501
                                                                                                                                                                                                                                                           COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: WOR'D 97 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION: -Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 53711-5399
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bacher, or INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REPEAT DNA MARKERS NUMBER OF SEQUENCES: 147
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Schumm, James W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       428 TTTTATTTTATTTTTT 445
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Promega Corporation STREET: 2800 Woods Hollow Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                             (608) 257-2275
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
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Pred. No. 3.2e+02
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US-09-142-108C-27
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US-09-142-108C-27
                                                                                                                                                                                                                                                                                                                                                                                                           PCT-US93-08101-4/c
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Best Local (
                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application PC/TUS9308101
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Brugliera, Filippa
APPLICANT: Holton, Timothy A.
APPLICANT: Michael Z.
APPLICANT: Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 11658
CURRENT APPLICATION NUMBER: US/09/142,108C
CURRENT FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: PN8386
PRIOR FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 18
                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
Woodland Falls Corporate Park
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suie 201
                                              COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US
                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                   TUMBER OF SEQUENCES:
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                                                                                                                                                                                                                         STREET: 210 Lake
CITY: Cherry Hill
                                                                                                                                                                                     COUNTRY:
                                 FILING DATE:
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                                                                                                                                                                                                                                                                                                                Bennett and Mirabelli
NVENTION: Oligonucleotide Modulation
NVENTION: of Cell Adhesion
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                               Herewith
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Pred. No. 3.2e+02;
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Pred. No. 3
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                                                                                                                                         STORAGE
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RESULT 488
PCT-US94-05407-4
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                                                                          PCT-US94-05407-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 4, Application PC/TUS9405407 GENERAL INFORMATION:
Query Match 1.5%; Score 14.8; DB 1; Length 18; Best Local Similarity 0.0%; Pred. No. 3.2e+02; Matches 0; Conservative 16; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: '
                                                                                                                                                                                                FILING DATE: 13-MAY-1993
INFORMATION FOR SEQ ID NO: 4
                                                                                         LENGTH: 18 base pairs
TYPB: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PILING DATE: August 14, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US94/0
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/061,694
                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: July 23, 1991 PRIOR APPLICATION DATA: 567,28 APPLICATION NUMBER: 567,28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/0:
                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: "N
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Jane Massey Licata REGISTRATION NUMBER: 32, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: Septem
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                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: NEEDLE & ROSENBERG, P.C. STREET: Suite 1200, 127 Peachtree Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          533 TCCTCCTGCCTCAGCCTC 550
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3: Georgia
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       Gaps
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RESULT 489
US-08-255-889-11
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US-08-332-766A-113
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US-08-255-889-11
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APPLICANT: ANALL.

TITLE OF INVENTION: AMPLL.

TITLE OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:

CADDRESSE: CUSHMAN DARBY & CUSHMAN

ADDREST: 1615 L STREET, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 11, App. ... No. 5525467
                                                                                     Sequence 113, Application US/08332766A Patent No: 5843647
                                                                                                                                                                                                                                                                     Query Match 1.5%;
Best Local Similarity 51.5%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 5525467
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PILING DATE: 13-Jun-1991
APPLICATION NUMBER: 9112797.7
FILING DATE: 13-Jun-1991
APPLICATION NUMBER: 9112799.3
FILING DATE: 13-Jun-1991
APPLICATION NUMBER: US 07/899,0
FILING DATE: 12-JUN-1992
APPLICATION NUMBER: US 07/899,0
FILING DATE: 12-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16773
REFERENCE/DOCKET NUMBER: 96358/
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: PC-DOS
SOFTWARE: ASCII from WPS-DOS
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/255,
FILING DATE:
CLASSIFICATION 235
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 9112801.7
FILING DATE: 13-Jun-1991
APPLICATION NUMBER: 911276 1
                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (202) 822-0944
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
             APPLICANT: JEFFREYS, Alec J.
APPLICANT: ARMOUR, John
TITLE OF INVENTION: SIMPLE T.
                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                 TYPE: Nucleic acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 13-Jur
APPLICATION NUMBER:
FILING DATE: 13-Jur
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
                                                                                                                                                                                                                                   392 GIGCIGGGATIACAGGCGIGCAGCCGIGCCIGG 424
                                                                                                                                                                                             2 GAGCYRWGATYRYRCCAYTGCACTCCAGCCTGG 34
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (202) 861-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    UMBER: US 07/899,067
12-JUN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AMPLIFICATION METHODS
                 SIMPLE TANDEM REPEATS
 125
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                                                                                                                                                                                                                                                                       6; Mismatches
                                                                                                                                                                                                                                                                                      Score 14.6; DB 1;
Pred. No. 5.6e+02;
                                                                                                                                                                                                                                                                         10;
                                                                                                                                                                                                                                                                                                         Length 35;
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; TYPE: RNA; Homo sapiens US-09-479-005A-260
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Query Match
Best Local Similarity /3...
Thes 12; Conservative
                                                                                                                                                                                             SOFTWARE: PatentIn version 3.0
SEQ ID NO 260
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 260, Application US/09479005A Patent No. 6656731
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                               APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBHB00-884-C
CURRENT APPLICATION NUMBER: US/09/479,005A
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR PILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR FILING DATE: 1998-09-22
PRIOR PILING DATE: 1998-09-22
PRIOR PILING DATE: 1997-09-22
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9326052.9

APPLICATION NUMBER: GB 9326052.9

APPLICATION NUMBER: 21.DEC-1993

APPLICATION: 21.DEC-1993

APPLICATION NUMBER: 25,323

REGISTRATION NUMBER: 25,323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: lin
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 861-3000
TELEFAX: (202) 822-0944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/332,766A FILING DATE: 01-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 1100 New CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           837 GATCTGCCTGCCTCGG 852
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.5%; Score 14.4; lilarity 93.8%; Pred. No. 3e+Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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                                    1.5%; Score 14.4; DB 1; 75.0%; Pred. No. 3e+02; tive 3; Mismatches 1;
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3e+02;
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US-09-479-005A-262
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US-09-479-005A-271
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-262
RESULT 494
US-08-373-124A-1811/c
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                                                                                                                                                                                                                                     ; TYPE: RNA; Homo sapiens; ORGANISM: Homo sapiens US-09-479-005A-271
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 262
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GENERAL INFORMATION:
                                                                                                                                                                                Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                       SEQ ID NO 271
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/479,005A CURRENT FILING DATE: 2000-01-07 PRIOR APPLICATION NUMBER: US 09/444,209 PRIOR FILING DATE: 1999-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/479,005A CURRENT FILING DATE: 2000-01-07 CRIOR APPLICATION NUMBER: US 09/444,209 PRIOR FILING DATE: 1999-11-19 PRIOR APPLICATION NUMBER: US 09/159,274 PRIOR FILING DATE: 1998-09-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 09/159,274 PRIOR FILING DATE: 1998-09-22
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TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REPERENCE: MBHB00-884-C
                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: MBHB00-884-C
                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.0
                                                                                                                                                                              Local
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                                                                                                                     217 TCGAACTCCCGACCTC 232
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                                                                                                                                                           l Similarity
12; Conserv
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                                                                                                                                                         1.5%; Score 14.4; DB 1; Length 16; ilarity 75.0%; Pred. No. 3e+02; Conservative 3; Mismatches 1; Indels
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Pred. No. 3e
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
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                                                                                                                                                             Gaps
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RESULT 495 US-08-435-628-1811/c

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Sequence 1811, Application US/08435628 Patent No. 5817796

Patent No. 5817796
GENERAL INFORMATION:

APPLICANT:
APPLICANT:

Stinchcomb, Dan T.

Draper, Kenneth McSwiggen, James Jarvis, Thale

APPLICANT:

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

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                                                                                                                               US-08-373-124A-1811
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                                                                Matches
                                                                                Best Local
                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/373,12.

FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
APPLICATION NUMBER: 07/97,132
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/97,132
FILING DATE: December 7, 1992
FILING DATE: December 7, 1992
                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                  NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AUDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                   TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                 598 TTATTTTTTTTTAA 613
16 TTATTATTATTTTAA 1
                                                                15;
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: California
                                                                                Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Draper, Kenneth
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                                                                Conservative
                                                                                                                                                  linear
                                                                              1.5%; Score 14.4;
93.8%; Pred. No. 3.
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                                                                  Mismatches
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                                                                                   .2e+02
                                                                                                   DB 1;
                                                                                                   Length 17;
                                                                   Indels
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RESULT 496
US-08-776-900C-16/c
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                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                              tent No.
                                                                                                               APPLICANT: DIU, Anita; FAUCHEU,
APPLICANT: LALANNE, Jean-Louis,
APPLICANT: SU, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELLEPHONE: (213) 489-1600
TELEPHAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                   APPLICANT: SU, Michael TITLE OF INVENTION: DN TITLE OF INVENTION: PR
                                 NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 05-MAY CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
FILING DATE: May 18, 1994
                                                                                                                                                                                                                                                                                                                                                                       Local Similarity 93.8
mes 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Warburg, Richard
REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/373,124 FILING DATE: January 13, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET:
STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                      598 TTATTTTTTTTTAA 613
                                                                                                                                                                                                                                                                                                                                                                   15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     90071
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: California
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Suite 4700
600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SYSTEM: IBM P.C. Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                    BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         05-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                       1.5%;
93.8%;
                                                                   DNA SEQUENCES CODING FOR THE HUMAN PROTEINS TX AND TY RELATED TO THE INTERLEUKIN-1BETA CONVERTING ENZYME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CANCER USING RIBOZYMES 2627
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                                                                                                                                                                                                                                                                                                                                                                                         Score 14.4; DB 1;
Pred. No. 3.2e+02;
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                                                                                                                                         Chi; Hercend, Thierry; LIVINGSTON, David and
                                                                                                                                                                                                                                                                                                                                                                                                          Length 17;
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US-09-268-195C-16/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 16, Application US/09268195C Patent No. 6180386 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (212) 661-800
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO:
            APPLICATION NUMBER: US/09/268,195C
FILING DATE: 15-MAR-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9409567
FILING DATE: AUG-02-1994
APPLICATION NUMBER: 776,900
FILING DATE: JANUARY 31, 1998
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FR/94/0
FILING DATE: 02-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: WORDPERFECT
CURRENT APPLICATION NUMBER: US
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
SOFTWARE: + Corrections under WORDPERFECT 5.1 f
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 01-AUG-1995 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR95/01035
                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSBE: ROUSSEL UCLAF
STREET: 102, Route de No. 618038689
CITY: ROMAINVILLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: ROUSSEL UCLAF
                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: STRANDEDNESS: BILL
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                                                                                                                                                                                                                                                                                          COUNTRY: F
ZIP: 93230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                              FRANCE
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30-APR-1997
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93.8%;
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                                                                                                                                                                            ID NO
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RESULT 499
US-08-882-649A-9/c
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; ORGANISM: Homo sapiens
US-09-544-398B-356
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Best Local Similarity
"-+~hes 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 356
LENGTH: 18
                                                                                                                                                                     Sequence 9, Applicatio Patent No. 6344316 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local Similarity 93.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1998-10-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: Other nucleic acid
DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
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OTHER INFORMATION: /note=
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                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                   359 GCTCAAGCAGTCCACC 374
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5. 6770461
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                                                                                                                                                                                                       Application US/08882649A
                                                                                                                                                                                                                                                                                              GCTCAAGCAGTCCTCC 2
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Tran, Huu M.
Matsuzaki, Hajime
McGall, Glenn H.
                                                                    Wodicka, Lisa
Cronin, Maureen T.
                                                                                                                      Gunderson, Kevin
                                                                                                                                        Chee, Mark
                                                                                                    Chaoqiang,
                                                                                                                                                        Lockhart,
                                                     ee, Danny
                                                                                                                                                                                                                                                                                                                                                                               1.5%;
                                                                                                                                                        David J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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Pred. No. 3.
                                                                                                                                                                                                                                                                                                                                                                                Score 14.4; DB 1;
Pred. No. 3.5e+02;
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                                                                                                                                                                                                                                                                                                                                                                  Mismatches
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                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0,
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(ix) Ft
SEQUENCE DESCRIPTION:
US-08-882-649A-9
                                                                                                                                                                                                                         RESULT 500
US-08-744-481A-39/c
                                                                                                                                                                                    Sequence 39, Application US/08744481A Patent No. 6428955
                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local 8
                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                    APPLICANT: K ster, TITLE OF INVENTION:
                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                     NUMBER OF SEQUENCES:
                                                              STREET:
           COUNTRY:
                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 60/010,471
FILING DATE: 23-JAN-1996
APPLICATION NUMBER: US 60/035,170
FILING DATE: 09-JAN-1997
APPLICATION NUMBER: PCT/US97/01603
FILING DATE: 22-JAN-1997
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 018547-019410US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Joe Liebeschuetz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: DNA (ge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HYPOTHETICAL: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
                                                                                                                                                                                                                                                                                                                                  428 TITTATTTTATTTT 441
                                                                                                                                                                                                                                                                                                 14 TTTTATTTTATTTT 1
                                                                                                                                                                                                                                                                                                                                                                       14;
92037-9103
                               La Jolla
: California
                                                                                                                                                                                                                                                                                                                                                                                        Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435-006.000
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                                                              4250 Executive
                    USA
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                                                                HELLER EHRMAN WHITE & MCAULIFFE 50 Executive Square, Suite 700
                                                                                                                                    DNA DIAGNOSTICS BASED
                                                                                                                                                                                                                                                                                                                                                                                        1.4%;
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V: SEQ ID NO: 9:
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2.7e+02;
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                                                                                                                                        MASS
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                                                                                                                                        SPECTROMETRY
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Version #1.25

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 2473
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)450-8400
TELEPAX: (617)587-5360
INFORMATION FOR SEQ ID NO: 39:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 336, Application US/08292620A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
         PRIOR APPLICATION DATA: including PRIOR APPLICATION DATA: including PRIOR APPLICATION DATA: described APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           tent No.
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LENGTH: 14 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08
FILING DATE: March 18,
                                                                                                                                                                          OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: WORD Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Comparible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: 1i
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                      STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                         FILING DATE: AUCLASSIFICATION:
                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                     California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sean Sullivan
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                                                                                                                            August 17, 1994
N: 435
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January 19, 1993
JMBER: 07/989,849
December 7, 1992
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100.0%; Pred. No. 2.7e+02;
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6428955ember 6, 1996
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                                                                                                                                                            US/08/292,620A
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                                                                     including application described below:
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Matches
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                                                                             APPLICATION NUMBER: US/08/292,621
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application DATA: including application NUMBER: 08/008,895
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 193
APPLICATION NUMBER: 07/989,895
FILING DATE: December 7, 1992
ATTORNBY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
TITLE OF INVENTION:
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TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (213) 955-0440
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 32,327
                              NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kenneth G. Draper
VENTION: RIBOZYME TREATMENT OF
VENTION: DISEASES OR CONDITIONS
VENTION: RELATED TO LEVELS OF
VENTION: INTRACELLULAR ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Dan T. Stinchcomb
James McSwiggen
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                                                                                                                                                                                                                                                           US/08/292,620A
                                                                                                                                                                          described below:
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Pred. No. 3e+02;
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US-08-292-620A-349
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                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
APPLICATION NUMBER: 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/ACENT INFORMATION:
NAME: WATCHING DATA 1
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APPLICANT: Susan
                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT:
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MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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STREET: 633 West Fifth
STREET: Suite 4700
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Local Similarity 78.6%;
les 11; Conservative
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                                                                                                                                            REFERENCE/DOCKET NUMBER: 208
LECOMMUNICATION
                                                                                                                                                                           NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                          TELEFAX:
                                                                                                                         TELEPHONE:
             STRANDEDNESS:
                                              ENGTH:
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: California
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                           nucleic acid
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                                              15 base pairs
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Sean Sullivan
                                                                                                           (213) 955-0440
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linear
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DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE-1 (I-CAM-1)
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Pred. No.
                                                                                                                                                             208/149
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                                            US-09-071-845-349
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Best Local Similarity
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Query Match
Best Local Similarity
                                                                                                                                                                                                                     FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/
                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
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                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET:
                                                                                                                                                  TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Com
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE:
                                                                     LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                            TOPOLOGY:
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California
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633 West Fifth Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Kenneth G. Draper
VENTION: RIBOZYME TREATMENT OF
VENTION: DISEASES OR CONDITIONS
VENTION: RELATED TO LEVELS OF
VENTION: INTRACELLULAR ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Susan Grimm
Dan T. Stinchcomb
James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sean Sullivan
                                                          linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                              : storage
IBM Compatible
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78.6%;
 1.4%;
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   Score 14; DB 1;
Pred. No. 3e+02;
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Pred. No.
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3e+02;
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Matches

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RESULT 505
US-08-906-156A-6
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                                                                                                      Query Match
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Patent No. 6287854
                                                                    Matches
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INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SPURR, NIGEL K
APPLICANT: GRAY, IAN C
APPLICANT: STEWART, LORNA M
TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO CANCER
TITLE OF INVENTION: AND TREATMENT THEREOF
                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 10:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-816-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 23-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PILING DATE: 22-OCT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                      HYPOTHETICAL: NO ORIGINAL SOURCE: ORGANISM: Syr
                                                                                                                                                                                       MOLECULE TYPE: CU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/033,147
FILING DATE: 13-DEC-196
PRIOR APPLICATION NUMBER: US 60/005,840
APPLICATION NUMBER: US 60/005,840
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 02-APR-PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/906,156A FILING DATE: 05-AUG-1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                         LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 6 FILING DATE: 02-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 22201
                                                                                      Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: ARLINGTON
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                                  380 CAGCCTCCCAAAGT 393
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CAGCCTCCCAAAGT 14
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1100 NORTH GLEBE ROAD
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                                                                      Conservative
                                                                                                                                                        Synthetic PCR primer
                                                                                                                                                                                                                           linear
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                                                                                                                                                                                                         CDNA to mRNA
                                                                                  100.0%;
                                                                                    1.4%; Score 14; DB 1; L
100.0%; Pred., No. 3.5e+02;
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                                                                    0; Mismatches
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                                                                                                    Length 17;
                                                                      Indels
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RESULT 506 US-09-371-772B-6194/c

RESULT 508 US-08-373-124A-410/c ; Sequence 410, Application US/08373124A

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US-09-371-772B-6195/c
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LENGTH: 17
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LENGTH: 17
                                                                                                                                                                                                                                                                                             APPLICANT: Stinchomb, Dan
APPLICANT: Stochoomb, Dan
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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                                                                                          Matches
                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MSHB00,876-U (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-8
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
                                                                                                                                                                                                        TYPE: RNA
ORGANISM: Homo sapiens
                                                                                   1.4%; Score 14; DB 1; In Local Similarity 100.0%; Pred. No. 3.5e+02; les 14; Conservative 0; Miamatahan
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                                              195 CTCCATGTTGGTCA 208
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McSwiggen, Jim
Stinchcomb, Da
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US-08-373-124A-1875
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GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Straper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
APPLICANT: JARVIS, THALE
TITLE OF INVENTION: TREATMENT OF INVENTION: CANCER USIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL II
                                                                                                                                                                                  Patent No. 5646042
                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION UMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986,422
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: AUGUST 26,422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Stinchcomb, Dan T. APPLICANT: Draper, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: WORD Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                         Match 1.4%;
Local Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic
                                                                                                                                                                                                                                                                                                                                                         475 ATGAAGTGCAGTGGTGT 491
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                                                                                                                                                                                                       Application US/08373124A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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      METHODS AND COMPOSITIONS FOR TREATMENT OF RESTENOSIS AND CANCER USING RIBOZYMES
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                                                                                                                                                                                                                                                                                                                                                                                                                         Score 13.8; DB 1; Length 17; Pred. No. 3.6e+02;
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TOPOLOGY: linear
US-08-373-124A-1875
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Comparing S.C.
OPERATING SYSTEM: IBM P.C. DOS 5.C
OPERATION NUMBER: US/08/373,124
PILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
OPERATION NUMBER: 08/245,466
                                                                                                                                                                                                                                                                                                                                                                                Sequence 1107, Application US/08758306 Patent No. 5807743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: WAIPPURG, Richard
                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Stinch
APPLICANT: McSwice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                         TITLE OF INVENTION: N
TITLE OF INVENTION: T
TITLE OF INVENTION: T
TITLE OF INVENTION: I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 633 West Fifth Street
STREET: Suite 4700
                                  CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                  STREET: 633 West Fifth
STREET: Suite 4700
                                                                                                                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     764 TAATTTTTTTTTTTT 780
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                                                                                                                                                Lyon & Lyon
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                               y Match 1.4%; Score 13.8; Local Similarity 17.6%; Pred. No. 3 tes 3; Conservative 12; Mismatch
                                      Stinchcomb, Dan T.
McSwiggen, James A.
McSwiggen, James A.
WENTION: METHOD AND REAGENT FOR
VENTION: TREATMENT OF DISEASES
VENTION: ASSOCIATED WITH
GAMMA-CHAIN EXPRESSION
                        RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1; Length 17; .6e+02;
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RESULT 511
US-08-435-628-410/c
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Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 410, Application US/08435628
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION UNMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 633 West Fifth Street
STREET: 631 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 1107:
                                                                                                                                                                          COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. D
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/43
FILING DATE: 05-MAY-1995
                                                                                                                                                                                                                                                                                              ZIP: YUU.L
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
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LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSeq Version 1.5 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/758,306 FILING DATE: December 3, 1996 CLASSIPTION TO PER STATEMENT OF THE ST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Stinchcomb, Dan T. APPLICANT: Draper, Kenneth APPLICANT: McSwiggen, James APPLICANT: Jarvis, Thale
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ·FILING DATE: December CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                    CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity hes 15; Conserv
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APPLICATION NUMBER: 08/373,124 FILING DATE: January 13, 1995 APPLICATION NUMBER: 08/245,466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                776 ATTTTTAGTAGAGATGG 792
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2627
                                                                                                                                                                                                            US/08/435,628
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      <u>,</u>
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US-08-435-628-1875
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local
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TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1875, Application US/08435628 Patent No. 5817796
                                                                                                                                                                                                   ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: TRAINEDS AND COMPOSITIONS FOR TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Stinchcomb, Dan APPLICANT: Draper, Kenneth
                                                                                  APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                     FILING DATE: February 7, 1:
APPLICATION NUMBER: 07/987
FILING DATE: December 7, 1:
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al Similarity 88.2%;
15; Conservation
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NUMBER: 07/936,422
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Pred. No. 3.6e+02;
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Best Local (
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                                                                                                                         APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: WARDLUCY, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                     TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Los Angeles
STATE: California
                                                                                                TELEFAX:
                                                                                                                TELEPHONE:
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              764 TAATTTTTTTTTTTTT 780
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                                                                                                  (213)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Akhtar, Saghir
                                                                                                                  (213) 489-1600
                                                                                                  955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OF DISEASES OR CONDITIONS RELATED TO LEVELS OF EPIDERMAL GROWTH FACTOR RECEPTORS
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Pred. No. 3.
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US-08-851-843A-132
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                                                                      US-08-851-843A-132
   Query Match
Best Local S
Matches 15
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Matches 15; Conserv
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APPLICANT: Cech, Thomas
                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDUESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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CLASSIFICATION:
CLASSIFICATION DATA:
PRIOR APPLICATION UNMBER: US 08/846,017
APPLICATION NUMBER: 25-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION UNMBER: US/08/851,843A FILING DATE: 06-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. 6093809el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 18-APR-1997
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                      NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                                                                                                                                                                                                        TELEPHONE:
Match 1.4%; Score 13.8; DB 1; Length 17; Local Similarity 88.2%; Pred. No. 3.6e+02; es 15; Conservative 0; Mismatches 2; Indels
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Nakamura, Toru
Nakaman, Karen B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Townsend and Townsend and Crew LLP Two Embarcadero Center, 8th Floor
                                                                                                                                                                                           E: (415)
(415) 57
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Morin, Gregg B.
Harley, Calvin
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                                                                                        linear
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APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHCOMB, DAN T.
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISITITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REFERENCE: 231/175
CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037,658
EARLIER APPLICATION NUMBER: 60/037,3124
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245,466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       밁
                                                                                                                                                 ; NAME/KEY: misc_feature; LOCATION: (1)...(17); LOCATION: (1)...(17); OTHER INFORMATION: 2'-methoxyethoxy (MOE); modified linkage; OTHER INFORMATION: Description of Artificial Sequence; OTHER INFORMATION: Sequence
US-09-250-075-5
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; ORGANISM: Homo sapiens
US-08-998-099-120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-998-099-120/c
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                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                   Query Match
Best Local Similarity
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                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Martin A
TITLE OF INVENTION: Compounds Processes And Intermediatoritle OF INVENTION: Mixed Backbone Oligomeric Compounds
                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: ISIS3299
CURRENT APPLICATION NUMBER: US/09/250,075
CURRENT FILING DATE: 1999-02-12
CURRENT FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH: 17
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Local Similarity 88.2%;
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428 TTTTATTTTATTTTTTT 444
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                                                                                   1.4%;
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Pred. No. 3.6e+02;
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                                                                                 Score 13.8; DB 1;
Pred. No. 3.6e+02;
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                                                               Mismatches
                                                                                                       DB 1; Length 17;
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                                                                  Indels
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                                                                                                                                      US-08-854-050-132
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                                                                                  Query Match
Best Local Similarity
                                                                  Matches
                                                                                                                                                                                                                                                     GENERAL INFORMATION: APPLICANT: Cech,
                                                                                                                                                                                                                                        TELEFAX: (415) 576-03
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
FILING DATE: 25-APR-1
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APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. 6261836el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 0: FILING DATE: 01-OCT-1996 CLASSIFICATION: 536 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 18-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 536
                                                                                                                                                                  LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Townsend did it is street. Two Embarcadero Center, 8th Floor
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                                                                                                                                                      TOPOLOGY:
                                  428
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                                  TTTTATTTTATTTTTT 444
 TTTTTTTTTTTTTTTTT 17
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Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
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                                                                  Conservative
                                                                                                                                                      linear
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                                                                                  1.4%; Score 13.8; DB 1;
88.2%; Pred. No. 3.6e+02;
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                                                                    Mismatches
                                                                                                    Length 17;
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                                                                  Gaps
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TOPOLOGY: linear;
; SEQUENCE DESCRIPTION: SEQ ID NO: 132: US-09-430-323-132
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                                                                                                          US-08-584-040-2550
                                                                                                                               RESULT 519
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                         Query Match
                                                               Sequence 2550, Application US/08584040 Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 132:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 08/854,050
RILING DATE: 09-MAX-1997
APPLICATION NUMBER: US 08/851,843
RILING DATE: 06-MAX-1997
APPLICATION NUMBER: US 08/846,017
PILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
RILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/844,419
RILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
RILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                Local Similarity hes 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/430,323
FILING DATE: 29-Oct-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Andrews, William H.
TITLE OF INVENTION: No. 6309867el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Cech, Thomas R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                       428 TTTTATTTTATTTTTT 444
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 17 base pairs
TYPB: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (415) 576-0200 TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/09430323
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Harley, Calvin
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                                                                                                                                                                                                                                                                                1.4%; Score 13.8; DB 1;
88.2%; Pred. No. 3.6e+02;
rative 0; Mismatches 2;
                                                                                                                                                                                              17
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Patent No. 6346398
                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 5.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Stinchcom
APPLICANT: ESCOBEDO,
TITLE OF INVENTION:
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MEDIUM TYPE: 3.5" Diskette,
                                                                               APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
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                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                       APPLICANT:
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                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/584,040 FILING DATE: January 11, 1996
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OPERATING SYSTEM:
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STATE: California
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STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE:
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                                    ADDRESSEE:
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DEDNESS: single
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E: Lyon & Lyon
633 West Fifth Street
Suite 4700
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                                                                                                                                                                                       McSwiggen, James
Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                            Application US/08584040
                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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14; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 17;
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COUNTRY: ZIP: 90

90071-2066

California : U.S.A.

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Matches
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Warburg, NAME: 32,327
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION UMBER: 60/005,974
FILLING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
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APPLICATION NUMBER: US
FILING DATE: January 1
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: TITLE OF INVENTION:
               SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
SOFTWARE: Word Perfect 5.1
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Local Similarity 17.6%; Po
nes 3; Conservative 12;
                                                                                                                                          COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (213) 955-0440
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                                                                                                                                                                                                                                                                                                                                                                                             McSwiggen, James
Stinchcomb, Dan T.
Escobedo, Jaime
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IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                    METHOD AND REAGENT FOR THE
                                                                                                                                                                                                                                                                                                                             TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                            GROWTH FACTOR
                                                                                                                                                                                                                                                                                             8502
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US/08/584,040
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COUNTRY U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040

PILING DATE: January 11, 1996

CLASSIFICATION UMBER: 60/005,974

FILING DATE: October 26, 1995

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

APPLICATION NUMBER: 32,327

REGISTRATION NUMBER: 32,327

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No. 6346398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.4%; Score 13.8; DB 1;
Best Local Similarity 17.6%; Pred. No. 3.6e+02:
Matches 3; Conservative 17. "
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,
FILING DATE: October 26, 19
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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REFERENCE/DOCKET NUMBER: 217
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS
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APPLICANT: Stinchcomb, Dan T.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                             STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: sing
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633 West Fifth Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 1.4%;
Best Local Similarity 17.6%;
Matches 3; Conservative 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION UNMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Polkerts,
APPLICANT: Merlo, Don
TITLE OF INVENTION: O
TITLE OF INVENTION: M
TITLE OF INVENTION: 1
                                                                                                                                                                                                                                                                                                                                   SOFTWARE: WORD PETECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/6
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 633 West F
STREET: Suite 4700
                                                                                                  TELEPAX:
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                                   ENGTH:
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: California
nucleic acid
EDNESS: single
                                                                                     67-3510
                                 17 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Skokut, Thomas A.
Young, Scott A.
Folkerts, Otto
Merlo, Donald J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           633 West Fifth Street
                                                                                                     (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             McSwiggen, James A.
Merlo, Patricia Ann Owens
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                                                                                                                                                                                                                                                                                                                                                                                                    IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPOSITION AND METHODS FOR
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Pred. No. 3.
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Best Local Similarity
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Query Match 1.4%; Scor
Best Local Similarity 5.9%; Pred.
                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                           SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
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                                                             LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                           TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                      NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US
FILING DATE: July 12,
                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE:
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635093
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Merlo, Donald J.
Merlo, Donald J.
NVENTION: COMPOSITION AND METHODS FOR
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633 West Fifth
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Young, Scott A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.4%; Score 13.8; DB 1
5.9%; Pred. No. 3.6e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MODULATION OF GENE EXPRESSION IN PLANTS
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2, 1996
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      Score 13.8;
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   .6e+02;
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                  Length 17;
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TTTTATTTTATTTTTT 444

Conservative

14; Mismatches

Indels

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Gaps

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Matches

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; TYPE: DNA; ORGANISM: Artificial Sequence; PEATURE: PEATURE: OTHER INFORMATION: designed sequence for nucleic acid purification US-09-619-103-23
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US-09-619-103-23/c
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US-09-726-096A-5
                                                                                                                                                US-09-726-096A-5
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LENGTH: 17
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                                                                       Query Match
Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
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APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR APPLICATION NUMBER: 1999-07-27
                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: ISIS4528
CURRENT APPLICATION NUMBER: US/09/726,096A
CURRENT FILING DATE: 2000-11-29
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Martin A.
TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
TITLE OF INVENTION: Oligomeric Compounds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.0
                                                                                                                                                       NAME/KEY: misc feature
LOCATION: (1). (19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
OTHER INFORMATION: internucleoside linkage
                                                                                                                                                                                                                                    NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                            LENGTH: 17
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                                   428 TITTATTTTATTTTTT 444
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                                                                       Conservative
                                                                                       1.4%;
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Pred. No. 3
                                                                       Score 13.8; DB 1
Pred. No. 3.6e+02
0; Mismatches
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.6e+02;
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                       Query Match
Best Local Similarity
Thes 1; Conserve
                                                                                                                          ; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1074
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US-09-371-772B-1074
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CURRENT APPLICATION NUMBER: US/09/300,958A
CURRENT FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/083,331
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/098,070
PRIOR FILING DATE: 1998-08-27
PRIOR PILING DATE: 1998-08-27
PRIOR APPLICATION NUMBER: 60/118,624
PRIOR APPLICATION NUMBER: 60/118,624
PRIOR FILING DATE: 1999-02-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 527
US-09-300-958A-63
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                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.0 SEQ ID NO 1074
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Best Local Similarity
Matches 15; Conserv
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1074,
                                                                                                                                                                                                                                                                 APPLICANT: Stinchoomb, Dan
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-U (237/198)
CURRENT PELICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PELICATION NUMBER: US 60/005,974
PRIOR PELICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-01-08
PRIOR FILING DATE: 1995-01-08
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APPLICANT: Welsh, John
APPLICANT: Trenkle, Thomas
TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
TITLE OF INVENTION: Using Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ribozyme APPLICANT: Pavco, F
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                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 14225
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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CTTTTTATTTTATTTTT 442
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  McSwiggen, Jim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/09371772B
                                        1.4%; Score 13.8; DB 1; ilarity 5.9%; Pred. No. 3.6e+02; Conservative 14; Mismatches 2;
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Pred. No. 3.6e+02;
0; Mismatches 2
                                                                                   Length 17;
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; ORGANISM: Homo sapiens
US-09-371-772B-1347
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                                                                                                                                                                                             ; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1348
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APPLICANT: StinchComb, Jalm
APPLICANT: Bscobedo, Jalme
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions:
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: 1996-01-08
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOPTWARE: Patentin version 3.0
SEQ ID NO 1348
LENGTH: 17
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                                                                                            Query Match 1.4%; Score 13.8; DB 1; Best Local Similarity 17.6%; Pred. No. 3.6e+02; Matches 3; Conservative 12; Mismatches 2;
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Best Local S
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-01-08
PRIOR FILING DATE: 1995-01-08
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                                              903 TITAATTTTTGTTTGTT 919
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Similarity 17.6%;
3; Conservation
  UUCACUUUUUGUUUGUU 17
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McSwiggen, Jim
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Pred. No. 3.6e+02;
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4780
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TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH800,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
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Sequence 1349, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 4780
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Best Local
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APPLICANT:
APPLICANT:
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
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Local Similarity 17.6%; Pred. No. 3
les 3; Conservative 12; Mismatch
                                                                                   Match 1.4%;
Local Similarity 70.6%;
es 12; Conservative
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                                         574 TGCACCACTACACCTGG 590
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McSwiggen, Jim
Stinchcomb, Dan
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Pred. No. 3.6e+02;
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                                                                                                                                          JENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN
FILE REFERENCE: MDNMORF-8
                                                                   CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: Storage
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APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Fell, FALLECT
APPLICANT
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TELECOMMUNICATION INFORMATION:
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FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/ACENT INFORMATION:
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STREET: Suite 4700
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STRANDEDNESS: single
TOPOLOGY: linear
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CLASSIFICATION:
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TELEFAX: (213) 955-0440
APPLICATION NUMBER: US 60/207,456 FILING DATE: 2000-05-26
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TO LEVELS OF EPIDERMAL GROWTH
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                                                                                                                                              ; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens US-09-866-108A-6546
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Best Local S
Matches 15
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SEQ ID NO 851
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Best Local Similarity 88.2%;
Matches 15; Conservative
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GENERAL INFORMATION:
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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SOFTWARE: Aeomica Sequence
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                                                                                                                                                                                                                                                                SOFTWARE: Aeomica Sequence Listing Engine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: SHANNON, MAIK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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TYPE: DNA
ORGANISM: Homo sapiens
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CHEN, Wensheng
                                                                        Conservative
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Pred. No. 3.6e+02;
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Pred. No. 3.
                                                                          Mismatches
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; ORGANISM: Homo sapiens
US-09-866-108A-6547
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SEQ ID NO 6547
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                                                                                                      APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
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APPLICANT: JI, Yongga
                                                    APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICATION NUMBER: PCT/US01/00663
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APPLICATION NUMBER: PCT/US01/00667
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              PPLICATION NUMBER: US/09/866,108A
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2001-05-25
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Pred. No. 3
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US-09-866-108A-9424/c
; Sequence 9424, Application US/09866108A
; Patent No. 6686188
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                                                         FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-0-04
PRIOR PILING DATE: 2000-0-04
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PRIOR PILING DATE: 2001-01-30
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US-09-866-108A-8863
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SEQ ID NO 8863
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PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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               APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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NUMBER: PCT/US01/00668
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Pred. No. 3
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; ORGANISM: Homo sapiens
US-09-866-108A-9424
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                                                                                                                        ; ORGANISM: Homo sapiens US-09-866-108A-9427
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SEQ ID NO 9424
                                                                                                                                                                                          Patent No. 668
SEQ ID NO 9427
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                                                                      Query Match
Best Local
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PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                          Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                            LENGTH:
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les 15; Conserva
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                                                                                                                                                                                                                                                                               FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US01/00669
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 2001-01-30
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343 CAAGCTGGTCTCCTGAG 359
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o. 6686188
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                                                                      Similarity
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Pred. No. 3.
                                                                      Score 13.8;
Pred. No. 3.
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                                                        .6e+02;
les 2;
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APPLICANT: Johnson, Mark L.

APPLICANT: Johnson, Mark L.

TITLE OF INVENTION: High bone mass gene of 11q13.3

FILE REFERENCE: 032796-013

FULE REFERENCE: 032796-013

CURRENT APPLICATION NUMBER: US/09/544,398B

CURRENT FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: US/99/229,319

PRIOR FILING DATE: 1999-01-13

PRIOR APPLICATION NUMBER: US/071,449

PRIOR APPLICATION NUMBER: US/071,449

PRIOR APPLICATION NUMBER: US/07071,5511

PRIOR APPLICATION NUMBER: US/07105,511

PRIOR APPLICATION NUMBER: US/07105,511

PRIOR APPLICATION NUMBER: US/07105,511

PRIOR APPLICATION NUMBER: US/07105,511
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US-09-544-398B-255/c
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; ORGANISM: Homo
US-09-544-398B-255
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                                                                                      Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Carulli, John APPLICANT: Little, Randa
                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILLING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Carulli, APPLICANT: Little,
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                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
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                                    996
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o. 6770461
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15; Conserv
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Little, Randall D.
Recker, Robert R.
                                    GGGCTCAAGCGATTCTC 1012
GCGCTCAAGCAATTCTC 17
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                                                                          Conservative
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Pred. No. 3.6e+02;
                                                                                         Score 13.8;
Pred. No. 3.
                                                                          Mismatches
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APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANTON Wei
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT APPLICATION NUMBER: 60/047,352
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER APPLICATION NUMBER: 05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 5
LENGTH: 15
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                                                          RESULT 544
US-09-081-646-3/c
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                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-19
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Prouty, S.
APPLICANT: Stean, K.
APPLICANT: Stean, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT PILLING DATE: 1997-04-02
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 19
LENGTH: 15
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Patent No. 6333152
GENERAL INFORMATION:
Sequence 3, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
                                                                                                                                                                                                               Query Match 1.4%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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Patent No. 6045998
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 3.
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TITLE OF INVENTION: Gene Expression Profiles in No TITLE OF INVENTION: Cancer Cells FILTE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILLING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILLING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 11
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US-09-081-646-11
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                                                                                                                   RESULT 546
US-09-081-646-400/c
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; ORGANISM: Homo sapiens
US-09-081-646-11
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APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhang, Wei
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
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Best Local Similarity
Matches 14; Conserv
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                                                                                 Sequence 400, Application US/09081646 Patent No. 6333152
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Best Local Similarity 93.7
Matches 14; Conservative
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CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILLING DATE: 1998-05-20
EARLIER FILLING DATE: 1997-05-21
EARLIER FILLING DATE: 1997-05-21
UNMBER OF SEQ ID NOS: 871
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APPLICANT: Vogelstein, Bert
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APPLICANT: Zhou, Wei
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Pred. No. 3.
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Pred. No. 3
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TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and TITLE OF INVENTION: Cancer Cells

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GENERAL INFORMATION:

APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 483
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-483
Sequence 492, Application US/09081646

Patent No. 6333152

GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Cygelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
ITILE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
ITILE OF INVENTION: Cancer Cells
ITILE OF INVENTION NUMBER: US/09/081,646
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOPTWARE: FASTSEQ for Windows Version 3.0
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 400
LENGTH: 15
TYPE: DNA
CORGANISM: Homo sapiens
US-09-081-646-400
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Best Local Similarity
Matches 14; Conserv
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CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Match 1.4%;
Local Similarity 93.3%;
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Pred. No. 3.4e+02;
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; Sequence 164, Application US/09475947A

patent No. 6472154
; GENERAL INFORMATION:
APPLICANT: Wren, Jonathan D.
APPLICANT: Winna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-492
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; .ORGANISM: human
US-09-475-947A-164
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US-09-475-947A-164
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SEQ ID NO 164
LENGTH: 15
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Best Local S
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           ZIP: 60611-5599

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/952,376
FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                            APPLICANT: Vesey, Graham
APPLICANT: Veal, Duncan
APPLICANT: Ashbolt, Nicholas J
APPLICANT: Dorsch, Matthias
TITLE OF INVENTION: Method for the Detection of Viable
TITLE OF INVENTION: Cryptosporidium parvum Cells
                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Brinks, H
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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CITY: Chicago
                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
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                                                                                                                                                                                                                      E: Brinks, Hofer, Gilson & Lione
455 No. 6146855th Cityfront Plaza Drive
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Pred. No. 3
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Pred. No. 3.
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US-09-018-584A-127/c
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                                                                                                                               US-09-018-584A-127
                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29.018
REFERENCE/DOCKET NUMBER: 16026.9180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 257-3501
TELEPAX: (608) 257-2275
INFORMATION FOR SEQ ID NO: 127:
                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM compatible PC
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/018,584A
FILING DATE: 04-Feb-1998
CLASSIFICATION:
ATTRODUCTOR NUMBER: US/09/018,584A
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Best Local
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-08-952-376-2
                                                                  Matches
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Schumm, APPLICANT: Bacher, TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 06-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Martin, Alice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                              Match 1.4%;
Local Similarity 93.3%;
                                                                                                                                                               TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A. ZIP: 53711-5399
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ENGTH: 16 base pairs
                                                                                                                                                                                                LENGTH:
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                                 651 GGAGTGCAGTGGCGC 665
15
 GGAGTGCAGTGGCCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: Promega Corporation
2800 Woods Hollow Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                  Conservative
                                                                                                                                               Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           UMBER: US PCT/AU96/00274
06-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Jeffery W.
MATERIALS AND METHODS FOR
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                James W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REPEAT DNA MARKERS
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Pred. No. 3.6e+02;
                                                                                  Score 13.4; DB 1; Length 16; Pred. No. 3.6e+02;
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                                                                  Mismatches
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                                                                  Indels
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                                                                  Gaps
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RESULT 552
US-09-371-772B-6097
; Sequence 6097, Application US/09371772B
; Patent No. 6566127
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片
                                     S
                                                                                                                                                             ; PEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)...(11)
; OTHER INFORMATION: A, (
US-09-829-855-171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-829-855-171
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LENGTH: 16
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SEQ ID NO 171
LENGTH: 16
TYPE: DNA
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                                                                                   Matches
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                                                                                                                    Query Match
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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R:
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MeHBB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/829,855
CURRENT FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: US 60/196063
PRIOR FILING DATE: 2000-04-10
PRIOR APPLICATION NUMBER: US 60/196258
PRIOR FILING DATE: 2000-04-11
NUMBER OF SEQ ID NOS: 244
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SOFTWARE: PatentIn version 3.0
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APPLICANT: Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Matthew, Ashby N.
TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1996-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: ASHBY-1
                                                                                                                                                                                                                                                                    ORGANISM: Desulfobacter curvatus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.4%; Score 13.4; Local Similarity 20.0%; Pred. No. 3. 1968 3; Conservative 11; Mismatche
                                                                                                    Local
                                       333 CTGATGTGCCCAAGCT 348
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                                                                                                       Similarity
CTGCTGTGCCNAAGCT
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                                                                                   Conservative
                                                                                                  1.4%; Score 13.4; DB 1;
87.5%; Pred. No. 3.6e+02;
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                                                                                                                        Length 16;
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RESULT 554 US-09-479-005A-261

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PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: PatentIn version 3.0
SEQ ID NO 263
LENGTH: 16
TYPE: RNA
ORGANISM: Homo Bapiens
US-09-479-005A-263
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US-09-479-005A-263
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; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-261
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                                                                                                                                                                   US-09-479-005A-265
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                 Sequence 265, Application US/09479005A
Patent No. 6656731
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBHB00-884-C
                                                                                                                                                                                                                                                                                                                                                     Query Match 1.4%; Score 13.4; DB 1; Length 16; Best Local Similarity 66.7%; Pred. No. 3.6e+02; Matches 10; Conservative 4; Mismatches 1; Indels
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 263, Application US/09479005A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity FILE REFERENCE: MBHB00-884-C CURRENT APPLICATION NUMBER: US/09/479,005A CURRENT FILING DATE: 2000-01-07 PRIOR APPLICATION NUMBER: US 09/444,209 PRIOR PILING DATE: 1999-11-19 PRIOR PILING DATE: 1998-09-22 PRIOR FILING DATE: 1998-09-22
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PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: PatentIn version 3.0
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TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBHB00-884-C
CURRENT APPLICATION NUMBER: US/09/479,005A
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                                                                                                                                                                                                                                                                                                           997 GGCTCAAGCGATTCT 1011
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PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: Patentin version 3.0
SEQ ID NO 265
                                                                       ; TOPOLOGY: Linear; SEQUENCE DESCRIPTION: SEQ ID NO: US-09-784-423-127
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US-09-784-423-127/c
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; ORGANISM: Homo sapiens
US-09-479-005A-265
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GENERAL INFORMATION:
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Query Match 1.4%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 127
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OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NITHERN
                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 09/018,584
FILING DATE: 04-Feb-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS AND METHODS FOR
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
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STATE: Wisconsin
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                                                                                                                                                    TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                       NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A.
                                                                                                                                STRANDEDNESS: Single
                                                                                                                                                                                                                             TELEPHONE: (608)
TELEFAX: (608) 25
                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 16026.9180
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Score 13.4; DB 1;
Pred. No. 3.6e+02;
0; Mismatches 1;
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Pred. No. 3.6e+02;
3; Mismatches 1
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                                     Length 16;
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US-08-292-620A-211/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 549
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches 14; Conservative
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
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Patent No. 67704
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                           TITLE OF INVENTION: ITTLE OF INVENTION: ITTLE
                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                  ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: Word Perfect 5.1
                                  COMPUTER:
                                                                                                                   COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                              Kenneth G. Draper
JENTION: RIBOZYME TREATMENT OF
JENTION: RIBOZYME TREATMENT OF
JENTION: RELATED TO LEVELS OF
                                                                                                                                                                                                                                                                                                                                                                       Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                      James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                          Dan T. Stinchcomb
                                                                                                                                                                                                                                                                                                                                                                                                                         Susan Grimm
                                 IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.4%;
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Pred. No. 3.
                                                                       1.44 Mb
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Best Local Similarity 100.0%;
Matches 13; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 211,
                                                          CLASSIBYTE: WORD PERSON DATA:
APPLICATION NUMBER: US/09/071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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PRIOR APPLICATION DATA: desc
PRIOR APPLICATION DATA: desc
PRIOR APPLICATION NUMBER: 08/008
APPLICATION NUMBER: 07/988
FILING DATE: December 7, 1
                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                                                                       COMPUTER: IBM CON
OPERATING SYSTEM:
SOFTWARE: Word Po
                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                              STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: August
APPLICATION NUMBER: US/08/292,620 FILING DATE: August 17, 1994 APPLICATION NUMBER: 08/008,895
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                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                              ADDRESSEE:
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6132967
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Dan T. Stinchcomb
James McSwiggen
Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (213) 955-0440
                                                                                                                                                                                                                                U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                       Kenneth G. Draper
VENTION: RIBOZYME TREATMENT OF
VENTION: DISEASES OR CONDITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                 IBM Compatible
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August 17, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        December 7, 1992
                                                                                                                                                                                                                                                                                                                                                               MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                           RELATED TO LEVELS OF INTRACELLULAR ADHESION
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                                                                                             US/09/071,845
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Pred. No.
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3.6e+02;
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US-09-177-359-27
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APPLICANT: LABUDA, Damian
TITLE OF INVENTION: DETECTION OF CYP1A1, CYP2A4, CYP2D6 AND
TITLE OF INVENTION: NATZ VARIANTS BY PCR-ALLELE-SPECIFIC OLIGONUCLEOTIDE (ASO)
TITLE OF INVENTION: ASSAY
FILE REFERENCE: 12667-17"US" FC/ld
CURRENT APPLICATION NUMBER: US/09/177,359B
CURRENT APPLICATION NUMBER: US/09/177,359B
CURRENT FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 37
SOFTWARE: FRSESEQ for Windows Version 3.0
SEQ ID NO 27
SEQ ID NO 27
                                                                                                                                               Sequence 10, Application US/09081646 Patent No. 6333152 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
               TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and TITLE OF INVENTION: Cancer Cells FILE REFERENCE: 01107.74664
                                                                     APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
CURRENT APPLICATION NUMBER: US/09/081,646
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPETH: 15
TYPETH: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: cDNA for use as probes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
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Local Similarity 100.0%; I
nes 13; Conservative 0;
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TOPOLOGY: linear
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TYPE: nucleic acid
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UMBER: 07/91
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100.0%; Pred. No. 3.6e+(
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; Pred. No. 3.6e+02;
orantches 0;
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hes 0;
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APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
TITLE OF INVENTION: Cancer Cells
TITLE OF INVENTION: UNMBER: US/09/081,646
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
CURRENT FILING DATE: 1998-05-20
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSEQ for Windows Version 3.0
               FILE REFERENCE: 240083.515
CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 102
LENGTH: 16
TYPE: DNA
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-10
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Patent No. 6333152
GENERAL INFORMATION:
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EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 10
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Best Local Similarity
Matches 13; Conserv
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Best Local Similarity 86.7%;
Matches 13; Conservative
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LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                       Sequence 102, Application US/09918686 Patent No. 6475739
                                                                                                                                                                               APPLICANT: Brunkow, Mary
APPLICANT: Proll, Sean
APPLICANT: Paeper, Bryan
APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1125 ACTCCTGACCTCAGG 1139
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Pred. No. 3.6e+02;
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Pred. No. 3.6e+02;
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CURRENT FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 1272
SOFTWARE: CuraGen Patent Formatter Version 0.9
SEQ ID NO 913
                                                                                                                            CURRENT APPLICATION NUMBER: US/09/443,199C CURRENT FILING DATE: 1999-11-16 PRIOR APPLICATION NUMBER: 60/109,024 PRIOR FILING DATE: 1998-11-17 NUMBER OF SEQ ID NOS: 1272 SOFTWARE: CuraGen Patent Formatter Version 0.9 SEQ ID NO 914
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Patent No. 6670464
GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
APPLICANT: Leach, Martin
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof
FILE REFERENCE: 15966-534A
FILE REFERENCE: 15966-534A
                                                                                                                                                                                                                                                                                                                                 Sequence 914, Application US/09443199C Patent No. 6670464
GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
APPLICANT: Leach, Martin
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Best Local Similarity
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                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof FILE REFERENCE: 15966-534A
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LOCATION: (26)...(0)
OTHER INFORMATION: 1 of 2 allelic variants (914 is other entry)
NAME/KEY: misc_feature
LOCATION: (0)...(0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
                                                             TYPE: DNA ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Accession number cg43972482
                        NAME/KEY: misc_feature LOCATION: (26)...(0)
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LOCATION: (26) ...(0)
OTHER INFORMATION: 2 of 2 allelic variants (913 is other entry)
                                                                                                                  LENGTH: 51
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100.0%; Pred. No.
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Pred. No. 5e+02;
0; Mismatches 1
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                                                                 RESULT 568
US-07-971-978-36
                                                                                                                                             문
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                          Sequence 36, Application US/07971978 Patent No. 5614617
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Best Local Similarity 65.5%;
        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: IN
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TOPOLOGY: linear

HOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-384-327-6
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; LCCATION: (0) ...(0)
; OTHER INFORMATION: Accession number cg43972482
US-09-443-199C-914
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Patent No. RE37806
                                                                                 Query Match 1.3%; Score 12.8; DB 1
Best Local Similarity 87.5%; Pred. No. 4.1e+02
Matches 14; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                      TELEFAX: 317-277-1917 INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/384,327
FILING DATE: 16-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/458,372
FILING DATE: 02-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: No. RE37806man, Douglas K.:
REGISTRATION NUMBER: 33,267
REFERENCE/DOCKET NUMBER: X-66061
TELEPHONE: 31,727
TELEPHONE: 31,726-7958
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company
STREET: Lilly Corporate Center/Patent Division
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                       815 GATCTTGATCTCTGGA 830
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1 GATCTTGATCACTGCA 16
                                                                                                                                                                                                                                                  LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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METHOD FOR COAMPLIFICATION OF HUMAN
PROTEIN C GENES IN HUMAN CELLS
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Pred. No.
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/971,978
FILING DATE: February 18, 1993
CLASSIFICATION S14
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNMBER: 07/558,806
FILING DATE: JULY 27, 1990
ATTORNEY AGENT INFORMATION:
NAME: JOSEPH LUCONOMINER: 33,307
REFERENCE/DOCKET NUMBER: 33,307
REFERENCE/DOCKET NUMBER: 15IS-0333
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEPHONE: 315-333
TELECOMMUNICATION INFORMATION:
TELEPACE: CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: number: Data (General)
TOPOLOGY: linear
TOPOLOGY: linear
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TITLE OF INVENTION: Mod
TITLE OF INVENTION: Gen
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: 5-flu
OTHER INFORMATION: subst
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LOCATION:
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OTHER INFORMATION: 5-fluoro-2'-0
OTHER INFORMATION: substitution
                  NAME/KEY:
                                                                               LOCATION: 6
OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION: 5-flu
OTHER INFORMATION: subst
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OTHER INFORMATION: 5-flu OTHER INFORMATION: subst
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STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: Modified-site
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OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
                                                                                                                                                 NAME/KEY: Modified-site
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                                                                                                                                                                                             5-fluoro-2'-deoxyuridine substitution
                                                                                  substitution
                                                                                                        5-fluoro-2'-deoxyuridine
                                                                                                                                                                                                                                                                                                        substitution
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RESULT 569
US-07-971-978-42
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GENERAL INFORMATION:
APPLICANT: Cook and Sanghvi
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                                  TITLE OF INVENTION: MCG
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OTHER INFORMATION: 5-fluc OTHER INFORMATION: substifeature:
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NAME/KEY:
LOCATION:
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OTHER INFORMATION:
FEATURE:
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OTHER INFORMATION: substitution
FEATURE:
                                                                          ADDRESSEE: NO. 561461/1...
ADDRESSEE: NO. 561461/1...
ADDRESSEE: One Liberty Place - 46
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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NAME/KEY:
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OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
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                                                                                                                                         Woodcock Washburn Kurtz Mackiewicz and
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                                                                                                                                                                                                                                                                                                                                                                                                                        1.3%; Score 12.8; 1
87.5%; Pred. No. 4.1;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5-fluoro-2'-deoxyuridine substitution
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                                                                                                          46th Floor
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NFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
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APPLICATION NUMBER: 07/558,806

FILING DATE: July 27, 1990

ATTORNEY/AGENT INFORMATION:
                                                                    OTHER INFORMATION: OTHER INFORMATION: FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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OTHER INFORMATION:
FEATURE:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                      NAME/KEY:
LOCATION:
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LOCATION:
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OTHER INFORMATION: 5-bromo-2'-deoxyuridine
OTHER INFORMATION: substitution
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SOFTWARE: WordPel
                                                                                                                                                                      OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                        NAME/KEY: Modified-site LOCATION: 7
OTHER INFORMATION: 5-bro OTHER INFORMATION: subst
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OTHER INFORMATION: 5-broother INFORMATION: substitution
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
                                   NAME/KEY: Modified-site LOCATION: 10
 OTHER INFORMATION:
                                                                                                                    NAME/KEY: Modified-site
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February 18, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PC-DOS/MS-DOS
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5-bromo-2'-deoxyuridine substitution
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                           CLASSIFICATION: 514
PRIOR APPLICATION DATA:
RAPLICATION NUMBER: 07/558,806
FILING DATE: July 27, 1990
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH LUCCI
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-03
                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cook and ITITLE OF INVENTION: ITITLE OF INVENTION: ITITLE OF INVENTION: UNMBER OF SEQUENCES:
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NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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NAME/KEY: Modified-site
LOCATION: 12
                                                                                                                                                                                                    SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION: TELEPHONE: 215-568-3100
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                                                                                                                                                                    FILING DATE: February 18, 1993
                                                                                                                                                                                    APPLICATION NUMBER: US/07/971,978
                                                                                                                                                                                                                                                                                                             COUNTRY: U
ZIP: 19103
                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
ADDRESSEE: No. 5614617ris
STREET: One Liberty Place - 46th Floor
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Similarity 87.5%; Pred. No. 4.
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                                  ISIS-0333
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INFORMATION FOR SEQ ID NO:
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NAME/KEY:
LOCATION:
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LOCATION: 11
OTHER INFORMATION:
OTHER INFORMATION:
FEATURE:
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NAME/KEY: modified-site
LOCATION: 9
LOCATION: 5-10
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OTHER INFORMATION:
FEATURE:
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LENGTH: 16 base pairs
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LOCATION: 5
OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
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OTHER INFORMATION:
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TOPOLOGY: 111
                                                                         LOCATION: 12
OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
                                                                                                                                                                                                                          OTHER INFORMATION: 5-iodo-2'-deoxyuridine OTHER INFORMATION: substitution
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US-08-458-372-6
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                                                                                                                               US-08-458-372-6
                                                                                                                                                                                                                                                                                                                                                              COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,372
FILING DATE: 02-JUN-1995
CLASSIFICATION: 435
ATTORNEY/ACEPTAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6, Application US/08458372 Patent No. 5681932
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                                                                                                Query Match
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APPLICANT: Grinne
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
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OTHER INFORMATION:
OTHER INFORMATION:
FEATURE:
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ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: NO. 5681937man, Dougl
REGISTRATION NUMBER: 33,267
REFERENCE/DOCKET NUMBER: X-
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                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 317-276-2958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Eli Lilly and Company STREET: Lilly Corporate Center/Patent Division CITY: Indianapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: 15
OTHER INFORMATION:
OTHER INFORMATION:
                                                          1.3%; Score 12.8; DB 1; Local Similarity 87.5%; Pred. No. 4.1e+02; les 14; Conservative 0, Migmother.
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TOPOLOGY: linear
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Local Similarity 87.5%;
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                              815 GATCTTGATCTCTGGA 830
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Pred. No. 4.1e+02;
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RESULT 572 US-08-599-252-29/c ; Sequence 29, Application US/08599252

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                                                                                                                                                                                                                                                                                                                                                  Sequence 29, Application US/08436074 Patent No. 5753438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 1.3%;
Best Local Similarity 87.5%;
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ZIP: 2006-1888

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/599,252

FILING DATE: 09-FEB-1996

CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                             Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: DRAYNA, DENNIS T.
APPLICANT: FEDER, JOHN N.
APPLICANT: GNIRKE, ANDREAS
APPLICANT: KIMMEL, BRUCE E.
APPLICANT: THOMAS, WINSTON J.
APPLICANT: WOLFF, ROGER K.
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
TITLE OF INVENTION: HEMOCHROMATOSIS
                                                                                                                                        APPLICANT: DRAYNA, DENNIS T.
APPLICANT: FEDER, JOHN N.
APPLICANT: GNIRKE, ANDREAS
APPLICANT: KIMMEL, BRUCE E.
APPLICANT: THOMAS, WINSTON J.
APPLICANT: WOLFF, ROGER K.
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
TITLE OF INVENTION: HENOCHROMATOSIS
NUMBER OF SEQUENCES: 57
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TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                  CORRESPONDENCE ADDRESS:
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CITY: Washington
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
TOPOLOGY: lir
                                                   STREET: 2000 Penr
CITY: Washington
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                                                                                                 DDRESSEE:
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?Y: USA
20006-1888
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                                                                            E: MORRISON & FOERSTER 2000 Pennsylvania Ave. N.W., Suite 5500
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Pred. No. 4.1e+02;
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,074
FILING DATE: 08-MAY-1995
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9053-0001.00
TELEPHONE: (202) 887-0763
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Best Local Similarity
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APPLICANT: Kutyav
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
TELEFAX: 714-854-4897
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                             ATTORNEY/AGENT INFORMATION:
NAME: Szekeres, Gabor L.
REGISTRATION NUMBER: 28,675
REFERENCE/DOCKET NUMBER: 491-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-854-5502
                                                                                                                                                                                                                                                                                                                                                                              ADDAL STREET: TALE
CITY: Irvine
STATE: CA
STATE: USA
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: KLEIN & SZEKERES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Gamper, Howard B.
APPLICANT: Meyer, Jr., Rich B.
TITLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE MINOR
TITLE OF INVENTION: GROOVE BINDER CONJUGATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                              MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U
                                                                                                                                                                                 APPLICATION NUMBER: US/08/415,370 FILING DATE: 03-APR-1995 CLASSIFICATION: 536
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87.5%; Pred. No. 4.1e+02;
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                                                                                               US-08-687-551-15
                                                                                                                                     TELEPHONE: (610) 454-3839
TELEPAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local :
                                               Matches
                                                           Query Match
Best Local Similarity
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                                                                                                        TOPOLOGY: lir
MOLECULE TYPE:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/687,551
FILING DATE:
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FR 94/01381
FILING DATE: 08-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR95
                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
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Local Similarity 87.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Collegeville
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                       TTTTGTATTTTTTTT 178
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TTTTTTTTTTTTTT 16
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500 Arcola Rd. 3C43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                               Conservative
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                                                                                                                                  linear
                                                                                                        other nucleic acid
/desc = "oligonucleotide"
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                                                            87.5%;
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Pred. No. 4.1e+02;
                                              Score 12.8; DB 1;
Pred. No. 4.1e+02;
0; Mismatches 2
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                                                                      DB 1;
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                                                                     Length 16;
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RESULT 577
US-08-851-843A-131/c
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                                                                                                                                                                                                                   Sequence 131, Application US/08851843A
Patent No. 6093809
GENERAL INFORMATION:
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                              APPLICANT: LINGUETA, TORU
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.
TITLE OF INVENTION: NO. 6093809el Telomerase
TITLE OF SEQUENCES: 225
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INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
APPLICANT:
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MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: LEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/141,764
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APPLICATION NUMBER: US 08/415,370
FILING DATE: 03.4PR-1995
ATTORNEY/AGENT INFORMATION:
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TITLE OF INVENTION:
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APPLICANT: Gamper, Howard B.
APPLICANT: Meyer, Jr., Rich B.
FITTLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 714-00-
TELEPHONE: 714-854-4897
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 28,675
REFERENCE/DOCKET NUMBER: 491-09-PA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
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                                                                                                                                                                                                        Cech, Thomas R.
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GROOVE BINDER CONJUGATES
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4.1e+02;
ches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 1.3%;
Best Local Similarity 87.5%;
                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 01-OCT-1996
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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                                                                                                                                                                NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                   APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. 6261836el Telomerase
NUMBER OF SEQUENCES: 225
                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
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STATE: California
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                              STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                            CITY: San Francisco
                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH: 16 base pairs
                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    163 TTTTGTATTTTTTT 178
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                                                           94111
                                                                                                                                                                                                                                                                                                                                                                       626183
                                                                                             Californ:
                                                                                                                                                                                                                                   Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
                                                                                                                                                                                                                                                                                                                                                                                      Application US/08854050
                                                                                                                              3: Townsend and Townsend and Crew LLP
Two Embarcadero Center, 8th Floor
                                                                        United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18-APR-1997
                                                                                                                                                                                                                                                                                                                                  Thomas R.
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Pred. No. 4.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 579
                                                                                                                                                                                                                                                                                                                                                                Patent No. 6309867 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (415) 576-03
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                               GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REGISTRATION NUMBER: 01:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
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APPLICATION NUMBER: US
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PRIOR APPLICATION NUMBER: US 08/844,419
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: 1BM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                       NUMBER OF SEQUENCES: 22 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                         Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. 6309867el Telomerase
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cech, Thomas R.
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nucleic acid
                                                                                                                         CITY: San Francisco
STATE: California
                                                                                                                                                     ADDRESSEE: Townsend and Townsend STREET: Two Embarcadero Center,
                                                                                                         COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                       Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
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Pred. No. 4.1e
0; Mismatches
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                                                                                                                                                                         Townsend and Crew
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4.1e+02;
                                                                                                                                                           8th Floor
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GENERAL INFORMATION:
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REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/09/507,345A
PPLICATION UNMBER: US/09/507,345A
FILING DATE: 18-Feb-2000
CLASSIFICATION ONLY
PRIOR APPLICATION UNMBER: US 08/415,370
PRIOR APPLICATION UNMBER: US 08/415,370
PRIOR APPLICATION UNMBER: US 08/415,370
PRIOR DATE: 03-APR-1995
PRIOR DATE: 03-APR-1995
PRIOR DATE: 03-APR-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kutyavin, Igor V.
Lukhtanov, Eugeny A.
Gamper, Howard B.
Meyer Jr., Rich B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor Groove Binder Conjugates
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    163 TTTTGTATTTTTTT 178
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FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
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                     APPLICATION NUMBER: US 09/141,764 FILING DATE: 27-AUG-1998
                                                                                                                                                                                                                                                                                                                                                                                           CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
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US-09-739-928-2
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US-09-619-103-22/c
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                                                                                                                                                                              Sequence 2, Application US/09739928
Patent No. 6486308
GENERAL INFORMATION:
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Best Local Similarity 87.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
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REGISTRATION NUMBER: 37,369
REFERENCE DOCKET NUMBER: 170
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-2200
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                     Lukhtanov, Eugeny A.
Gamper, Howard B.
Meyer Jr., Rich B.
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
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                                                                                                                                                                 APPLICANT: Kutyavin, Igor V.
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                        Groove Binder Conjugates
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Pred. No. 4.1e+02;
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RESULT 583
US-09-371-772B-5767
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APPLICANT: Ribozyme Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 5767, Application US/09371772B Patent No. 6566127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                     NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5767
TYPE: RNA
ORGANISM: Homo sapiens
-09-371-772B-5767
                                                                                                                                              APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treat
TITLE OF INVENTION: Levels of Vascular Endothelial
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-01-26
PRIOR PILING DATE: 1996-01-08
PRIOR PILING DATE: 1996-01-08
                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 09/141,764
PILING DATE: 27-AUG-1998
APPLICATION NUMBER: US 09/507,345
PILING DATE: 18-FEB-2000
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          163 TTTTGTATTTTTTT 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/739,928 FILING DATE: 11-May-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003510US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/415,370 FILING DATE: 03-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                        McSwiggen, Jim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ELEFAX:
                                                                                                                                                                                                                                                                                                                                                                    Stinchcomb,
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Pred. No. 4.1e+02;
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                                                                                      US-09-829-855-36
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                                                                                                                                              ; SEQ ID NO 36
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.0 SEQ ID NO 6096 LENGTH: 16 TYPE: RNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local
Query Match 1.3%; Score 12.8; DB 1; Length 16; Best Local Similarity 87.5%; Pred. No. 4.1e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6613520
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R. TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MBHB00,876-0 (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1996-01-08
                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/196258
PRIOR FILING DATE: 2000-04-11
NUMBER OF SEQ ID NOS: 244
                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: ASHBY-1
CURRENT APPLICATION NUMBER: US/09/829,855
CURRENT FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: US 60/196063
PRIOR FILING DATE: 2000-04-10
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APPLICANT: Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 14225
                                                                                                                                                                                                                                     SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Matthew, Ashby N. TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PPLICANT:
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                                                                                                        OTHER INFORMATION: unidentified soil organism
                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         / Match 1.3%; Score 12.8;
Local Similarity 18.8%; Pred. No. 4.
nes 3; Conservative 11; Mismatche
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Stinchcomb, Dar
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Pred. No. 4
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US-09-958-610A-1/c
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 111
                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.1 SEQ ID NO 1
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Best Local Similarity
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                                                                                                                  Query Match
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CURRENT FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: US 60/196063
PRIOR FILING DATE: 2000-04-10
PRIOR APPLICATION NUMBER: US 60/196258
PRIOR APPLICATION NUMBER: US 60/196258
PRIOR FILING DATE: 2000-04-11
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Beier, Markus
APPLICANT: Hoheisel, Jorg
TITLE OF INVENTION: Nucleoside Derivatives with Photolabile Protective Groups
FILE REFERENCE: 03528.0135.PCUS00
FULE REFERENCE: 03528.0135.PCUS00
CURRENT FAPPLICATION NUMBER: US/09/958,610A
CURRENT FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: PCT/DE00/011448
                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: DE 199 15. 867.3
PRIOR FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 10
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PRIOR APPLICATION NUMBER: DE 100 03 631.7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: unidentified soil organism
                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                                                                                                                                                                           OTHER INFORMATION: Synthetic Oligonucleotide
                                                                                                                                                                                                                                      TYPE: DNA
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                                      163
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o. 6756492
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                                                                                             Similarity
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                                    TTTTGTATTTTTTTT 178
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                                                                             Conservative
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                                                                                             1.3%;
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87.5%; Pred. No. 4.1e+02;
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                                                                           Score 12.8; DB 1;
Pred. No. 4.1e+02;
0; Mismatches 2
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                                                                                                              DB 1; Length 16;
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RESULT 589
US-09-152-059-70
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US-09-895-585-9
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CURRENT APPLICATION NUMBER: US/09/895,585
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: US 60/215,634
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 60/246,306
PRIOR FILING DATE: 2000-11-05
PRIOR FILING DATE: 2000-11-05
PRIOR APPLICATION NUMBER: US 60/291,787
PRIOR FILING DATE: 2001-05-17
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APPLICANT: Tsang, Wen-Ghih
APPLICANT: Zheng, Tianli
APPLICANT: Huang, Chang J.
APPLICANT: AmCyte, Inc.
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                                                                                                            SOFTWARE: POSEQ ID NO 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: WENGEL, JESPER
APPLICANT: WENGEL, JESPER
APPLICANT: NIELSEN, POUL
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
FILE REFERENCE: 49165 (71994)
CURRENT APPLICATION NUMBER: US/09/152,059
CURRENT FILING DATE: 1998-09-11
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                                                                                                                                                         PRIOR FILING DATE: 1998-07-28 NUMBER OF SEQ ID NOS: 146
                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/088,309
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/094,355
                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/076,591
PRIOR FILING DATE: 1998-03-03
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified, TITLE OF INVENTION: Intermediate Stage of Development
                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/071,682
PRIOR FILING DATE: 1998-01-16
                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/068,293 PRIOR FILING DATE: 1997-12-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1997-09-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence:oligo-(dT)-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                    TYPE: DNA
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                        DRGANISM: Artificial Sequence
                                                                                       ENGTH: 16
                         EATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Match 1.3%;
Local Similarity 87.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  163 TTTTGTATTTTTTTT 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 70, Application US/09152059
o. 6794499
                                                                                                                                      PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Zheng, Tianli
Huang, Chang Jiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/058,541
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Pred. No. 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 16;
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RESULT 591
PCT-US96-06583-29/c
; Sequence 29, Application PC/TUS9606583
; GENERAL INFORMATION:
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PCT-US96-06352-29/c
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Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 16 base pairs
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPB: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 00
FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSE: MORRISON & FOERSTER
ADDRESSE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    ELECUTE: (202)
TELEPHONE: (202)
                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: singl
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                         NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9053-0001.21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US96/06352 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                163 TTTTGTATTTTTTT 178
                                                                                                                                   651 GGAGTGCAGTGGCGCA 666
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KIMMEL, BRUCE E.
THOMAS, WINSTON J.
WOLFF, ROGER K.
VENTION: METHOD TO DIAGNOSE HEREDITARY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DRAYNA, DENNIS T. FEDER, JOHN N.
                                                                                                                                                                  Conservative
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                                                                                                                                                               1.3%; Score 12.8; DB 1;
87.5%; Pred. No. 4.1e+02;
ative 0; Mismatches 2;
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Pred. No. 4.1e+02;
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APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Med
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: NOMBER: US/09/304,232
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT APPLICATION NUMBER: US 60/084,641
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER APPLICATION DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARB: FastSEQ for Windows Version 3.0
SEQ ID NO 686
                                                                                                                                                                                                                                                                                                                                                                           US-09-304-232-686
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US96/06583
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/599,252
APPLICATION NUMBER: US 08/599,252
FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9053-0001.21
TELECOMMUNICATION INFORMATION:
TELECHONE: (202) 887-1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 90-4030
INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Ave. N.W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
LENGTH: 16 base pairs
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TELEFAX: 90-4030
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CITY: Washington
STATE: DC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      651 GGAGTGCAGTGGCGCA 666
                                                                                                                                                                                                                                                                                                                                                                                                                                                            16 GGAGTGCAATGGAGCA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 nucleic acid
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WOLFF, ROGER K.
WENTION: METHOD TO DIAGNOSE HEREDITARY
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KIMMEL, BRUCE E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEDER, JOHN N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.3%; Score 12.8; DB 1;
87.5%; Pred. No. 4.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0;
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; OTHER INFORMATION: PGISEX10 1505 US-09-304-232-686
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                                                                                                                                                                                                                                                                                                                                 RESULT 594
SEQ ID NO 5
LENGTH: 14
TYPE: DNA
                                                                  GENERAL INFORMATION:
APPLICANT: Combates, N.
APPLICANT: Partimos, J.
APPLICANT: Partimos, S.
APPLICANT: Prouty, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                          Sequence 5, Applic Patent No. 6045998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
NUMBER: OF SEQ ID NOS: 11796
TO NUMBER OF SEQ ID NOS: 11796
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                                                        SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: allele
LOCATION: 24
OTHER INFORMATION: 99-22844-211 : polymorphic base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
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Pred. No. 6.5e+02;
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Pred. No. 5.
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5.4e+02;
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Best Local Similarity
Matches 13; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-724-466B-17
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                                                                                                                                 RESULT 596
                                                                                                                  US-08-998-099-331
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Sequence 331, Application US/08998099A
PATENT NO. 6103890
GENERRAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHOOMB, DAN T.
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 17, Application US/08724466B Patent No. 6063606 GENERAL INFORMATION:
                                                                                                                                                                                                                                                Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 08/667,546
APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (416) 863-26
INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: Diskette, 3 1/2 inch,
MEDIUM TYPE: Diskette, 3 1/2 inch,
COMPUTER: COMPAQ, IBM PC compatible
OPERATING SYSTEM: MS-DOS 5.1
SOFTWARE: WORD PERFECT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,466B
                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Petkovich, P. Martin, White, Jay A., APPLICANT: Beckett, Barbara R., Jones, Glenville TITLE OF INVENTION: Retinoid Metabolizing Protein
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ZIP: M5L 1A9
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Commerce Court West
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Pred. No. 3
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Pred. No. 3
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3.7e+02;
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; ORGANISM: Homo sapiens
US-08-998-099-331
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Best Local Similarity
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Query Match
Best Local Similarity
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CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037,658
EARLIER FILING DATE: 1997-01-23
EARLIER FILING DATE: 1995-01-13
EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/373,124
EARLIER APPLICATION NUMBER: 08/245,466
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NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
APPLICATION NUMBER: 08/724,466
FILING DATE: October 1, 1996
ATTORNEY/AGENT IMFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
FILING DATE: June 25, 1997
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MEDIUM TYPE Diskette, 3 1/2 inch, 1.4 Mb storage
COMPUTER: COMPAQ, IBM PC compatible
COMPATING SYSTEM: MS-DOS 5.1
SOFTWARE: WORD PERFECT
                                                                                                                                                                                                                   REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 863-4344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Petkovich, P. Martin, White, Jay A., APPLICANT: Beckett, Barbara R., Jones, Glenville TITLE OF INVENTION: Retinoid Metabolizing Protein
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CORRESPONDENCE ADDRESS:
                                                                            STRANDEDNESS: 811
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Toronto
STATE: Ontario
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                                                                                                                                                                                                                                                                                                       NAME: Hunt,
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                                                                                                                                       ENGTH:
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                                                                                                                                       14 base pairs
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                                                                                                                                                                                                                                                                                                       John C.
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  1.3%;
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    Score 12.4; DB 1;
Pred. No. 3.7e+02;
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Pred. No. 3.7e+02;
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NUMBER OF SEQ ID NOS: 346
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 310
LENGTH: 14
TYPE: DNA
ORGANISM: human
US-09-475-947A-310
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/475,947A CURRENT FILING DATE: 1999-12-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
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EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FASTSEQ for Windows Version 3.0
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APPLICANT: Vogelstein,
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APPLICANT: Zhou, 1
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TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                          Local Similarity
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                                                          164 TITGTATTTTTTT 177
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                                                                                                                                                          Score 12.4; DB 1;
Pred. No. 3.7e+02;
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Pred. No. 3
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                                                                                                                                                       3.7e+02;
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3.7e+02;
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US-08-009-075-2 ; Sequence 2, Application US/08009075 ; Patent No. 5300436

RESULT 600

SENERAL INFORMATION:

GOLDSTEIN, Menek

APPLICANT: APPLICANT: APPLICANT:

David

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RESULT 601
US-08-452-196A-3/c
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Best Local Similarity 92.9%;
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/009,075
FILING DATE: 19930126
CLASSIFICATION: 435
CLASSIFICATION: 435
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch,
MEDIUM TYPE: 1.4 MB storage
                                                                                                                                                                                                TITLE OF INVENTION: ACYCLIC NUCLEOSIDE TITLE OF INVENTION: ANALOGS AND TITLE OF INVENTION: OLIGONUCLEOTIDE TITLE OF INVENTION: SEQUENCES TITLE OF INVENTION: CONTAINING THEM NUMBER OF SEQUENCES: 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: GENETICALLY MODIFIED TYROSINE
TITLE OF INVENTION: HYDROXYLASE AND USES THEREOF
                                                                                                                                                                                                                                                                                                               APPLICANT: Cook, Philip D.
APPLICANT: Delecki, Daniel J.
APPLICANT: Guinosso, Charles
                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: TOWNSEND, GUY K. REGISTRATION NUMBER: 34, REFERENCE/DOCKET NUMBER:
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                                                                                                                        CITY: Malvern
                                                                             COUNTRY:
                                                                                                                                                           ADDRESSEE:
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                                                                                                  Pennsylvania
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419 Seventh Street, N.W., Suite 300
                                                                                                                                   E: Patent Department
9 Great Valley Parkway
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                                                                               USA
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Pred. No. 4.1e+02;
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RESULT 602
US-08-452-196A-4/c
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GENERAL INFORMATION:
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Best Local Similarity
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/040,32
PILING DATE: 30 MARCH 1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul E. Dupont
REGISTRATION NUMBER: 27,438
REFERENCE/DOCKET NUMBER: 2525
TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
           COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch,

MEDIUM TYPE: 1.4 MB storage

COMPUTER: Apple Macintosh

OPERATING SYSTEM: Macintosh 7.1

SOFTWARE: Microsoft Word 5.0B

CURRENT APPLICATION DATA:
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OPERATING SYSTEM: Macintosh 7.1

SOFTWARE: Microsoft Word 5.0B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/452,19

FILING DATE: 26-MAY-1995
                                                                                                                                                                                                                                   TITLE OF INVENTION: A TITLE OF INVENTION: A TITLE OF INVENTION: C TITLE OF INVENTION: S TITLE OF INVENTION: C UNMBER OF SEQUENCES:
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OTHER INFORMATION:
OTHER INFORMATION:
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TOPOLOGY: linear
                                                                                                                         COUNTRY: UZIP: 19355
                                                                                                                                                          STATE:
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 APPLICATION NUMBER:
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Guinosso, Charles
                                                                                                                                                                                                     Patent Department
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86.7%;
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ANALOGS AND
OLIGONUCLEOTIDE
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(methoxymethyl)
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methyladenosine
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US/08/452,196A
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Pred. No. 4.1e+02;
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JS-08-292-620A-13
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                      STREET: 633 TOTAL STREET: Suite 4700 CITY: Los Angeles STATE: California
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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LENGTH: 15
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)889-6338
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TITLE OF INVENTION:
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                                                                                  COMPUTER: 150.

COMPUTER: 150.

OPERATING SYSTEM: 180 ...

OPERATING SYSTEM
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OTHER INFORMATION:
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REGISTRATION NUMBER:
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Kenneth G. Draper
VENTION: RIBOZYME TREATMENT OF
VENTION: DISEASES OR CONDITIONS
VENTION: RELATED TO LEVELS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sean Sullivan
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propoxy]-9-
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Pred. No. 4.1e
0; Mismatches
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RESULT 604
US-08-292-620A-355
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 355,
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Kenneth G. Draper TITLE OF INVENTION: RIBOZYMS TITLE OF INVENTION: DISEASES CONTITLE OF INVENTION: INTRACELLUTITLE OF INVENTION: MOLECULE-1
                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08
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APPLICATION NUMBER: 07/9
FILING DATE: December 7,
ATTORNEY/ACENT INFORMATION:
NAME: Warburg, Richard J
                                                                                                                                                                                                      ZIF: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                                                                          SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/:
FILING DATE: August 17, 19
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                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                   STREET:
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TOPOLOGY: li
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/008,895
                                                                                                                                                                          OPERATING SYSTEM:
                                                                                                                                                                                                                                                                     COUNTRY: U.S.A.
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NG DATE: January
ICATION NUMBER: (
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California
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Dan T. Stinchcomb
James McSwiggen
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                                                                                                         UMBER: US/08/292,620A
August 17, 1994
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                                                                                                                                                                          IBM P.C.
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                                  08/008,895
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Pred. No. 4
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                                                 application below:
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US-08-292-620A-359
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Matches
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APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLB OF INVENTION: RIBOZYME TREATMENT OF
TITLB OF INVENTION: RELATED TO LEVELS OF
TITLB OF INVENTION: INTRACELLULAR ADHESION
TITLB OF INVENTION: MOLECULE-1 (I-CAM-1)
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: described belance application DATA: described belance application number: 08/008,895

FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REFERENCE/DOCKET NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 3208/149

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. D
SOFTWARE: WORD PERCET 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/29
FILING DATE: August 17, 1994
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 201
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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TYPB: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (213) 955-0440
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
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US-08-292-620A-360
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SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
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                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                              FILING DATE: August 17, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application PRIOR APPLICATION DATA: described below: APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849
                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible,
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
                                                             SEQUENCE CHARACTERISTICS
                                                                                                                                                           NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Susan (
APPLICANT: Dan T.
                                                                                                                                                                                                                                         FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AUUKESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.3%; Sco.
Local Similarity 7.1%; Predicts 1; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                      TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Los Angeles
STATE: California
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U.S.A. ZIP: 90071-2066
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5837542
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Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Susan Grimm
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                                                                                                                                             (213) 489-1600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DISEASES OR CONDITIONS RELATED TO LEVELS OF INTRACELLULAR ADHESION MOLECULE-1 (I-CAM-1)
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Pred. No. 4.1e+02;
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                                                   RESULT 608
US-08-863-639A-8/c
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Matches
Sequence 8, Application US/08863639A Patent No. 5981185 GENERAL INFORMATION:
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FASTSEQ Version 1.5 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/585,684B FILING DATE: January 16, 1996 PRIOR APPLICATION DATA: APPLICATION UNMBER: 60/000,951 FILING DATE: July 7, 1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                              NAME: Warburg, Richard REGISTRATION NUMBER: 32,327 REFERENCE/DOCKET NUMBER: 211 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Jarvis, Tha APPLICANT: McSwiggen,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                           LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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STREET: Suite 4700
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Local Similarity 92.9%;
nes 13; Conservative
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OPERATING SYSTEM:
SOFTWARE: FastSE(
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                                                                                                                  14 GATGGGGATCACCA 1
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Pred. No. 4.1e+02;
12; Mismatches 1;
                                                                                                                                                                                                 Score 12.4; DB 1; Length 15; Pred. No. 4.1e+02;
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FILE REFERENCE: JBP-382

CURRENT APPLICATION NUMBER: US/08/832,021

CURRENT FILING DATE: 1997-04-02

NUMBER OF SEQ ID NOS: 64

SOFTWARE: PATENTIN Ver. 2.0

SEQ ID NO 17

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
                                                       ; OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-17
                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-832-021-17
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                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 17, Application US/08832021
Patent No. 6045998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEPAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                     APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
APPLICANT: Stenn, K.
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APPLICATION NUMBER: US/08/
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Matson, Robert S.
APPLICANT: Coasein, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLECTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
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OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Joseph B. Mueth REGISTRATION NUMBER: 20,532
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N: 435
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   1.3%;
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Pred. No. 4.1e+02;
 Score 12.4; DB 1;
Pred. No. 4'.1e+02;
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APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 20
LENGTH: 15
TYPR: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Pardinos, S.
APPLICANT: Pardimos, S.
APPLICANT: Pardimos, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIF
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 18
LENGTH: 15
TYPES: NNN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 611
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                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: primer US-08-832-021-20
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Best Local Similarity
Matches 13; Conserv
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Patent No. 6
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Best Local Similarity
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                                                                                                                                                         FEATURE:
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 TTTTTTTTTTAA 14
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                                                                           Score 12.4; DB 1
Pred. No. 4.1e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 12.4; DB 1;
Pred. No. 4.1e+02;
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                                                                Mismatches
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                                                                                          DB 1; Length 15;
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US-08-832-021-56
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CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 44
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 56
LENGTH: 15
TYPE: DNA
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Patent No. 6045998
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Best Local Similarity
Matches 13; Conserv
                                                                                                                                                  Query Match
Best Local Similarity
Matches 13; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 56, Applica Patent No. 6045998 GENERAL INFORMATION:
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APPLICANT: Stenn, K.
APPLICAN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY FILE REFERENCE: JBP-382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: Description of Artificial Sequence: primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE: OTHER INFORMATION: Description of Artificial Sequence: primer
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                                                                         TTTTTATTTATT 608
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                                                                                                                                                                                              Score 12.4; DB 1;
Pred. No. 4.1e+02;
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Pred. No. 4.1e+02
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US-09-071-845-13 RESULT 614

Sequence 13, Applicat Patent No. 6132967
GENERAL INFORMATION:

Application US/09071845

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APPLICANT:

Susan Grimm Dan T. Stinchcomb

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Best Local Similarity
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APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                  APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 633 West F:
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
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633 West Fifth Street
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               RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
   INTRACELLULAR ADHESION
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Pred. No. 4.1e+02;
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US-09-071-845-359
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US-09-071-845-355
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                                                                                                                                                                                                                                                                     Patent No.
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                TITLE OF INVENTION: RIBOZYME TREATMENT OF INTENTIONS DISEASES OR CONTIONS TITLE OF INVENTION: RELATED TO LEVELS OF TITLE OF INVENTION: INTRACELLULAR ADHESION TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette,
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                                                 CORRESPONDENCE ADDRESS:
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                                                                     NUMBER OF SEQUENCES:
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1.3%; Score 12.4; DB 1;
Local Similarity 14.3%; Pred. No. 4.1e+02;
hes 2; Conservative 11; Mismatches 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/292,620 FILING DATE: August 17, 1994 APPLICATION NUMBER: 08/008,895 FILING DATE: January 19, 1993 APPLICATION NUMBER: 07/989,849
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STREET: 633 West Fifth Street
STREET: Suite 4700
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 STREET:
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                                 ADDRESSEE:
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6132967
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EDNESS: single
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E: Lyon & Lyon
633 West Fifth
Suite 4700
                                                                                                                                                                                 Susan Grimm
Dan T. Stinchcomb
James McSwiggen
Sean Sullivan
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2390
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                   Street
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Best Local Similarity 7.1%;
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SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620

FILING DATE: August 17, 1994

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 328/149

TELEPHONE: (213) 489-1600

TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                        APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                            NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: California COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (213) 489-160
TELEFAX: (213) 955-0440
                                                                                                          STATE: California
                                                                                      COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       432 ATTTTATTTTTTT 445
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                                                                  90071-2066
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RESULT 618
US-09-038-073-2114/c
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Matches 1; Conserv
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PRIOR APPLICATION NUMBER: U5/08/292,620

APPLICATION NUMBER: U5/08/292,620

FILING DATE: August 17, 1994

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

FILING DATE: Dacember 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REGISTRATION NUMBER: 32,327
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GENERAL INFORMATION:
                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTEM: VERSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
APPLICATION NUMBER: 08/585,684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (213) 955-044
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiger, James
TITLE OF INVENTION: METHOD AND RI
TITLE OF INVENTION: INDUCTION OF
TITLE OF INVENTION: AND REVERSAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA: APPLICATION NUMBER: US
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 20 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                      COUNTRY: U
ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
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STRANDEDNESS: single
                                                              FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.3%; Score 12.4; DB 1; 7.1%; Pred. No. 4.1e+02; vative 12; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                METHOD AND REAGENT FOR THE INDUCTION OF GRAFT TOLERANCE AND REVERSAL OF IMMUNE RESPONSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IBM P.C. DOS
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Sequence 266, Application US/09081646
Patent No. 633152
Patent No. 633152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Zhang, Lin
APPLICANT: Zhang, Lin
APPLICANT: Zhang, Lin
APPLICANT: Zhang, Lin
TITLE OF INVENTION: Gene Expression Profiles in
TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 66/047,352
EARLIER APPLICATION NUMBER: 66/047,352
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; ORGANISM: Homo sapiens
US-09-081-646-232
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Matches
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SEQ ID NO 232
LENGTH: 15
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Best Local Similarity
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GENERAL INFORMATION:
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-09-038-073-2114
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TELEPAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in
TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
OFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
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13; Conserv
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ilarity 92.9%;
Conservative (
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Pred. No. 4
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Pred. No. 4.1e+02;
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                                                                                                                                                No.
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APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
TITLE OF INVENTION: Cancer Cells
TITLE OF INVENTION: Cancer Cells
TITLE OF INVENTION: Cancer Cells
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1999-05-21
NUMBER OF 'SEQ ID NOS: 871
NUMBER: FastSEQ for Windows Version 3.0
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                                                                                         OTHER INFORMATION: n signifies a, US-09-475-947A-158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 286
LENGTH: 15
Query Match
Best Local Similarity 86..
Thes 13; Conservative
                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 1.3%;
Best Local Similarity 92.9%;
Matches 13; Conservative
                                                                                                                                                                          NUMBER OF SEQ ID NOS: 346
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 158
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 821, Application US/09081646 Patent No. 6333152
                                                                                                                                                                                                                                                                                                                                                                                      Sequence 158, Application US/09475947A Patent No. 6472154
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
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                                                                                                                            ORGANISM: human FEATURE:
                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              13;
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                                        1.3%;
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Pred. No. 4.1e+02;
0; Mismatches 1
                       Score 12.4; DB 1;
Pred. No. 4.1e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 12.4;
Pred. No. 4
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                                                        Length 15;
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                           Indels
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; OTHER INFORMATION: 99-11878-212 : polymorphic base C or
US-09-422-978-3767
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 623
US-09-422-978-3767
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 3767
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3767, Application US/09422978 Patent No. 6537751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 3, Applic Patent No. 5660989
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IEM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/487,759
APPLICATION NUMBER: US/08/487,759
                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Glesser, Joanne M.
                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                      STATE:
                                                                                                                                                                                                                                                                                                                            STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
                                                                  FILING DATE:
                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   448 GACACAGGTGTCCCACTCTTACCCCAGGATGAAGTG 482
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                                                                                                                                                                                                                                                                                                           Rahway
                                                                                                                                                                                                                                            07065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/08487759
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GAGGCAGGAGAATCACTTGAACTYGGGAGGCAGAG 35
                                                                                                                                                                                                                                                                                  New Jersey
                                                                                                                                                                                                                                                                                                                          E: Ms. Joanne J. Giesser
126 E. Lincoln Avenue, P.O.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Kuo, Lawrence
                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Olsen, David B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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Pred. No. 5.4e+02;
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                                                                                                                                                                                                                                                                                                                               Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 1;
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RESULT 625
US-08-973-139-3
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                                                                  US-08-973-139-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 12; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3, Approx No. 6100028
    Query Match
Best Local Similarity
Matches 12; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (908)-594-4720
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: Floppy disk
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HYPOTHETICAL:
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                 REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/487,760
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cole, James L.
APPLICANT: Olsen, David B.
APPLICANT: Kuo, Lawrence C
TITLE OF INVENTION: DNA PC
                                                                               HYPOTHETICAL:
ANTI-SENSE: 1
                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Giesser, Joanne M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: STRANDEDNESS: 8111
STRANDEDNESS: 8111
STRANDEDNESS: 8111
                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 07065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Rahway
STATE: New Jersey
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                                                                                                             TOPOLOGY:
                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/973,139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
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                                                                                                                                                        LENGTH:
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                                                                                                                                        nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Ms. Joanne J. Giesser
126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13 base pairs
    1.2%; Score 12; DB nilarity 100.0%; Pred. No. 3.7 Conservative 0; Mismatches
                                                                                                                                                                                      (908) -594-4720
(908) -594-4720
--- TR NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                             linear
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Pred. No.
                                                                                                                                                                                                                                                     19398
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DB 1; L...
o. 3.7e+02;
0;
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3.7e+02;
                                 Length 13;
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Indels

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Gaps

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RESULT 626
US-08-809-513A-4/c
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                                                          RESULT 627
PCT-US96-08320-3
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Sequence 3, Application PC/TUS9608320 GENERAL INFORMATION:
APPLICANT: Cole, James L.
                                                                                                                                                                                                               Query Match 1.2%; Score 12; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 3.7e+02; Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:

APPLICATION UNMBER: PCT/EP95/03663

FILING DATE: 18-SEP-1995

PRIOR APPLICATION DATA:

APPLICATION UNMBER: EP 94115505.3

FILING DATE: 30-SEP-1994

ATTORNEY/AGENT INFORMATION:

NAME: Kurt G. Briscoe

REGISTRATION NUMBER: 33,141

REFERENCE/DOCKET NUMBER: Hobom 9832-KGB

TELEPHONE: (914) 332-1700

TELEPHONE: (914) 332-1704
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION: APPLICANT: Hobom,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (914) 332-1844
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: line
MOLECULE TYPE: R
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: Gateway Pentium II
OPERATING SYSTEM: Windows 98
SOFTWARE: Word 97
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Tarrytown
                                                                                                                                                                                                                                                                                                                   ORGANISM: Influenza virus, vRNA 3' sequence INDIVIDUAL ISOLATE: pHL1104 vRNA Promoter Element
                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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                                                                                                                                                                            316 GTAGAAACAGGG 327
                                                                                                                                         12 GTAGAAACAGGG 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Hobom, Gerd; Neumann, Gabriele; Menke, Annette virus, a vENTION: An Attenuated Vaccination and Gene-Transfer Virus, a
                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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                                                                                                                                                                                                                                                                                                                                                                                                                     RNA (genomic)
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PCT-US96-08330-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08320
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                     Sequence 3, Application GENERAL INFORMATION:
APPLICANT: MERCK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (908)-594-472
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kuo, Lawrence C.
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR
TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE
                                                                                                                                                                                                                              TITLE OF INVENTION: DNA POLYMERASE NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                               SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL:
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STREET: LE
STREET: New Jr
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REGISTRATION NUMBER: 32,
REFERENCE/DOCKET NUMBER:
                                                             MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic
STRANDEDNESS:
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APPLICATION NUMBER: FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE:
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                                                                                                                                  COUNTRY: UZIP: 07065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           595 TITTTATTITA 606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12; Conservative
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                                                                                                                                                                New Jersey
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                                                                                                                                                                                                                                                                                              MERCK & CO., INC
Cole, James L.
Olsen, David B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                  3: Ms. Joanne J. Giesser
126 E. Lincoln Avenue, P.O. Box 2000-0907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Olsen, David B.
                                                                                                                                                  USA
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                                                                                                                                                                                                                                                                                   Lawrence C
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100.0%; Pred. No. 3.7e+02;
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                 PCT/US96/08330
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US-08-233-030-22
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                                 US-08-233-030-22
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INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
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Best Local Similarity
Matches 12; Conserv
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Query Match
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                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION UNMBER: 32,327
REFERENCE/DOCKET NUMBER: 197/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHAX: (213) 955-0440
                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: James D. Thompson
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: TREATMENT OF PROMYELOCY
TITLE OF INVENTION: LEUKEMIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) -594-3046
TELEPAX: (908) -594-4720
                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 536
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
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STATE: California
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TOPOLOGY: linear
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                                                               TYPE: nucleic acid
STRANDEDNESS: singl
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                                                 TOPOLOGY:
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611 West Sixth Street
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: 62
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1.2%; Score 12;
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. 3.7e+02;
DB 1;
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Length 14;
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US-08-309-512-51
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US-08-309-512-51
RESULT 631
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                                                                                                               Matches
                                                                                                                                            Query Match
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                                                                                                                                                                                                                                                                         TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/309,512
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/800,218
FILING DATE: 29-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: BOTTHER, SCOTT R.
REGISTRATION NUMBER: 34,298
                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 854-3660
TELEFAX: (415) 854-3694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Calhoon, Roger D.
APPLICANT: Wong, Hing C.
TITLE OF INVENTION: CYCLIC DIGUANYLATE METABOLIC ENZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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STREET: 2730 Sand Hill Road
CITY: Menlo Park
STATE: California
                                                                                                                                                                                                                                                                                                                                            TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER:
                                                                                                                              Local
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                                                                                                                                                                                                                                          STRANDEDNESS:
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                                                                              278 TGGCCACCATGC 289
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                                                                                                               l Similarity
12; Conserv
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                                                                                                                                                                                                                                                           nucleic acid
                                               TGGCCACCATGC 14
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Benziman, Moshe
Gelfand, David H.
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                                                                                                             1.2%; Score 12; DB 1; I larity 100.0%; Pred. No. 4.4e+02; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                linear
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                                                                                                                                                                                                             DNA (genomic)
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US-09-358-972-251/c Sequence 251, Application US/09358972 Patent No. 6235480 GENERAL INFORMATION:

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APPLICANT: Shultz, John W

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FILE REFERENCE: Pro-103 6868/75528
CURRENT APPLICATION NUMBER: US/09/358,972
CURRENT FILING DATE: 1999-07-22
EARLIER APPLICATION NUMBER: 09/252,436
EARLIER FILING DATE: 1999-02-18
EARLIER APPLICATION NUMBER: 09/042,287
EARLIER APPLICATION NUMBER: 09/042,287
EARLIER FILING DATE: 1998-03-13
NUMBER OF SEQ ID NOS: 290
SOFTWARE: Patentin Ver: 2.0
                                                                                                                                        NUMBER OF SEQ ID NOS: 871
SOFTWARE: FRASTSEQ for Windows Version 3.0
SEQ ID NO 17
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
S-09-081-646-17
                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 17, Application US/09081646 Patent No. 6333152
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                                                                     Matches
                                                                                                       Query Match
                                                                                                                                                                                                                                                                  APPLICANT: Zhang, Lin
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
FULL REFERENCE: U1107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence:probe to Alul OTHER INFORMATION: human gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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                                                      1.2%; Score 12; DB 1;
Local Similarity 100.0%; Pred. No. 4.4e+(
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Rhodes, Richard B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Lewis, Martin K.
                                  GGGACTACAGGC 747
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1; Lc.
o. 4.4e+02;
0;
                                                                                        4.4e+02;
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                                                                                                       Length 15;
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RESULT 633

APPLICANT:

Shultz, John W Lewis, Martin K.

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; TYPE: DNA; ORGANISM: Homo sapiens US-09-081-646-476
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                                                       RESULT 635
US-09-383-316-87/c
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                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and TITLE OF INVENTION: Cancer Cells FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER APPLICATION NUMBER: 60/047,352
SARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 534
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 476, Application US/09081646 Patent No. 6333152
                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 476
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 534, Application US/09081646
Patent No. 6333152
GENERAL
            Sequence 87, Application US/09383316
Patent No. 6391551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Gene Expression Profiles
TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
RARLIER FILING DATE: 1997-05-21
RARLIER FILING DATE: 1997-05-21
RARLIER FILING DATE: 1997-05-21
RARLIER FILING DATE: 1997-05-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Zhang, Lin APPLICANT: Zhou, Wei
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APPLICANT: Vogelstein, Bert
                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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INFORMATION:
                                                                                                                                                                        285 CATGCCCGGCTC 296
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                                                                                                                                   1 CATGCCCGGCTC 12
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Pred. No.
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Mandrekar, Michelle

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APPLICANT: Wood, Keith W.
APPLICANT: Wood, Roy
TITLE OF INVENTION: Nucleic Acid Detection
FILE REFERENCE: Pro-103 6868/75528
CURRENT APPLICATION NUMBER: US/09/790,417
CURRENT FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: 09/358,972
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR FILING DATE: 1998-03-13
NUMBER OF SEQ ID NOS: 290
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 251
LENGTH: 15
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-790-417-251/c
Sequence 251, Application US/09790417
Patent No. 6730479
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Welch, Roy
TITLE OF INVENTION: Nucleic Acid Detection
FILE REFERENCE: PRO-104 6868/75529
FURRENT APPLICATION NUMBER: US/09/383,316
CURRENT FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/252,436
PRIOR FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR APPLICATION NUMBER: 09/358,972
PRIOR APPLICATION NUMBER: 09/358,972
PRIOR FILING DATE: 1999-07-21
PRIOR FILING DATE: 1999-07-21
PRIOR FILING DATE: 1999-07-21
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LENGTH: 15
TYPE: DNA
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Best Local Similarity
Matches 12; Conserv
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APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT: Lewis, Martin K.
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:probe to Alul
OTHER INFORMATION: human gene
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Rhodes, Richard B.
Andrews, Christine A.
Hartnett, James R.
Gu, Trent
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Kephart, Daniel
Rhodes, Richard B.
Andrews, Christine A
Hartnett, James R.
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Wood, Keith W.
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Wood, Keith W.
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Search completed: November 15, 2004, 07:57:38
Job time : 10 secs
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                                                                                             Query Match
Best Local Similarity
Matches 12; Conserv
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                                                14 TAGAGATGGGGT 3
                                                                                                Conservative
                                                                                                          1.2%;
                                                                                                           Score 12; DB 1; L;
; Pred. No. 4.4e+02;
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                                                                                                Mismatches
                                                                                                 0; Indels
                                                                                                                     Length 15;
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